

TWENTY-SECOND

ANNUAL REPORT

OF THE

Board of Park Commissioners

OF

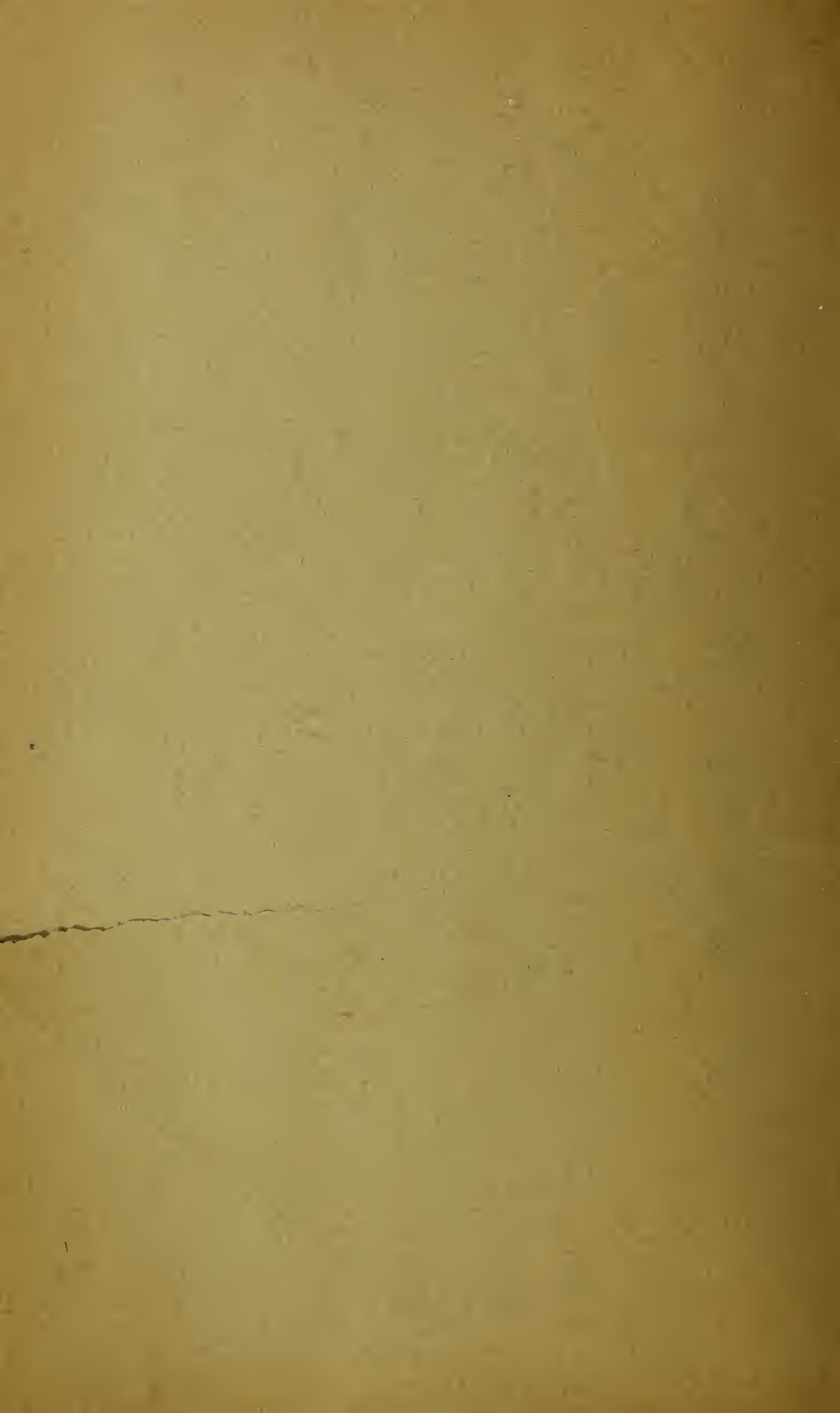
SAN FRANCISCO



SAN FRANCISCO:

THE HINTON PRINTING COMPANY, 536 CLAY ST.

1893.



TWENTY-SECOND ANNUAL REPORT
OF THE
BOARD OF PARK COMMISSIONERS
OF
SAN FRANCISCO,
FOR THE YEAR ENDING JUNE 30, 1893.



SAN FRANCISCO:
THE HINTON PRINTING COMPANY, 536 CLAY STREET.
1893.

COMMISSIONERS' REPORT.

LAKE.

The lake, as a reservoir, has at last been completed and more than realized the expectations of its projectors. We say completed "as a reservoir," because the landscape gardener will, for several years, here find an inviting field for the display of his taste in planting, ornamenting and beautifying the grounds adjacent to the waters, thereby yearly adding to the attractiveness of that locality. At the date of former reports the first section, or that portion lying to the eastward of Strawberry Hill, was finished and supplied with water. Experience has proved that no mistake was made in the method of construction—that carefully selected clay well puddled insured a water-tight basin, enduring and needing no repairs.

As soon as the water was introduced it proved such a source of pleasure to the public and received so much commendation as to greatly encourage us in the prosecution of our original design—to surround the hill with water, convert it into an island, construct bridges, walks and carriage-ways, and develop scenery and attractions not otherwise obtainable. A walk has already been constructed co-extensive with the lake embankments. Another will be made neighboring to the waters and near the base of the hill, from which paths will lead to its summit. In fact some of them are already there. Access to the hill is afforded from its opposite sides—from the northeast over the concrete Roman bridge, from the southwest by the stone foot bridge. It was no part of our original plans to build this foot-bridge, but as our work progressed there was so much interest manifested by the public in the lake and its surroundings, so many disregarded the distance and walked out there, that it seemed advisable to connect the hill with the outer lines of the lake on opposite sides.

Provision has been made for carriages over about three-fourths of the distance around the lake. Nearly all who visit the Park in vehicles go to the lake, and do not stop at the termini of the drives provided for them, but persistently pass on over space intended for

those on foot only. Many repeat the circuit three and four times, thus manifesting their pleasure and approval of that particular drive. These lessons teach us that the carriage-way should be extended along the entire lake embankment, and this we hope to do during the next fiscal year.

It is not surprising to the lover of the beautiful in nature that the lake with its environments should, though in unfinished condition, prove so attractive. It is not the lake alone, nor the waters, nor the plantings, but the creation of these has furnished points of observation easily accessible for the enjoyment of some of the most beautiful scenery to be found in California.

From every point on the banks of the lake an extended and delightful landscape may be enjoyed. Further than the eye can reach the Pacific lies below and towards the west, a never-tiring attraction. From other points of view the purple mountains of Marin county meet the eye, while the "Heads," Tamalpais, Mount Diablo, the Contra Costa Range, with all the intervening undulations, command attention and admiration. Hills and valleys, less pretentious, give variety to the pictures. These and many others of nature's choicest moods invite Park visitors to the lake and to Strawberry Hill; and of these the visitor never tires, and of them he can never be deprived, for the view of them can never be obstructed. They inspire beyond the possibilities of description.

To the lake and its surroundings as sources of pleasure merely, must be added the valuable practical advantages that are to be afforded by it as a reservoir for the storage of water. Its elevation is such that five-sixths of the Park can be irrigated from it by gravitation. Its storage capacity—depending upon the depth of the water—is from twenty to twenty-five millions of gallons, thus giving an assured guarantee against water famine by reason of accident to pumping machinery.

A concrete bridge has been constructed at the northeast angle of Strawberry Hill, which affords convenient connection with the driveway leading to the summit of the hill. A walk has also been provided leading to the Huntington Water Falls and in front of the elaborate tree and fern plantings which ornament the eastern face of the hill. These plantings have been made with so much care—the sands buried so deeply in soils and fertilizers, and all so firmly holden in position by cross sections of concrete anchors running athwart the slopes—that satisfactory results are confidentially anticipated. There is no place in the Park of equal dimensions where trees in so great a variety have been planted.

Much labor is yet to be bestowed upon the carriageway up the hill. It will be widened and rendered more secure against possible accidents. The walks are to be improved, and care will be exercised to render the one passing around the hill near the waters of the lake especially attractive. A system of drainage, so planned as to control the rain waters falling on the hill—indispensably necessary for the protection and preservation of the improvements already made—must be executed before the next rainy season sets in. Too much attention cannot be bestowed upon this prominent and lovely feature of the Park. Its capabilities for improvement are almost unlimited. It has already, though quite recently, become one of the favorite resorts of the Park. Water surrounds it, dotted with islands, and trees in great variety are flourishing on its slopes. When Mr. Sweeney encloses his observatory with glass, thus affording the necessary protection, its semi-tropical conditions will justify the introduction there of rare plants and palms without interfering with the purposes of its construction.

Water seems to have a fascination for everybody. People will stand or sit for hours watching its restlessness; or if in repose, they seem riveted in admiration of the truthful reflections its surface gives back. The rocks and trees and shrubs about the lake will be constantly duplicated and landscapes more remote will be mirrored there. These attractions delight and fascinate and never weary.

The more practical observer and thinker—the less poetical nature—contemplates the lake as a reservoir, calculates its value as a means of distributing that element without which there could be no park. To him the lake is well enough as a thing of beauty, as a place where the young ladies and gentlemen may learn the use of the oar and engage in healthful exercise. But Mr. Utilitarian is all the time considering how the trees and plants are to be benefited, how the lawns are to be kept perpetually green, how the dust on the drives is to be subdued, by the distribution of the precious waters of the lake.

The creation of a lake in the Park has engaged the earnest attention of former Commissions. But before attempting anything they encountered that insuperable obstruction—lack of funds. The choice of a site had its difficulties. If located on a lower elevation at some point more accessible for the public, its usefulness as a distributing reservoir would be lost. If its waters could not be drawn off they would soon become a stagnant pool. We could not follow the advice, oral and printed, given us, to locate the lake in one of the valleys; nor could we be influenced by the false criticism that lakes are never found on the hills.

HUNTINGTON'S WATER FALL, AND CASCADE.

About one year ago, C. P. Huntington placed twenty-five thousand dollars at the disposal of the Board, to be expended in the construction of a Cascade and Water Fall on the easterly slope of Strawberry Hill. Concurring in the policy of the Board in regard to expending most of its funds in the season of the year when laborers find it difficult to obtain employment, we did not commence these works until October of last year. In the meantime Superintendent McLaren was devising plans for an undertaking so unusual; and as it was another case of dealing with a purely sand foundation, necessarily involved careful study. Mr. McLaren's plans in all particulars have been carried out with gratifying results.

On the summit of the hill a reservoir has been constructed which will hold about fifty thousand gallons of water. This reservoir will not only serve as a feeder to the Cascade and Water Fall, but will make possible the irrigation of trees and plants on the slopes of the hill at points above which water was formerly not available. Moreover, the reservoir makes a pretty addition to the attractions at the top of the hill.

Connected with the reservoir is the Cataract, which runs easterly down the slope until it reaches the carriage-way, where the waters make a fall of fifteen feet, and disappearing, pass under the road-bed, and on their reappearance make their plunge over the Fall. The Cataract has a length of two hundred feet, and in that distance the descent is forty feet. Its bed is solid concrete, crescent-shaped and filled with boulders over and through which the waters run.

A pleasant walk leads along the side of the Cataract and Reservoir, margined with flowering plants and shrubs.

The Water Fall stands on an average angle of forty-five degrees and is seventy-five feet in height. It has two perpendicular falls—one at its top—and one at the bottom—of twenty feet each, the intermediate space being forty-five degrees from the perpendicular. This space is constructed in steps on which are placed rocks and stones of varied size and shapes. Walls form the sides, so as to keep the waters within bounds. The whole of the water-way is of connected concrete, varying in thickness from two to six feet. Concrete walls, spurs and anchors lead off from the main work in different directions, varying in shapes, designed to prevent slides and to hold the soils with which the face of the hill has been enriched. A large number of deciduous trees—among the varieties the birch, the elm, the maple, sycamore, ash, oak, sophora, honey-locust, tulip trees, bass-wood, poplar, common locust, chestnut, buckeye, cat-

alpa and others, have been planted, and at this time give promise of a good and rapid growth. Extraordinary care was bestowed upon the preparation of these trees—soils of the very best quality having been carted from a distance—in which they are expected to thrive, as they are all well sheltered from the westerly winds. Tree ferns to the number of five hundred have been planted along the Fall and will add vastly to the beauties of the place. Other and of the more common varieties of ferns will be added indefinitely to their more pretentious relatives, the tree ferns. Among the rocks with which the slope is partly faced, in generous soils, watered by the sprays spreading from the splashing waters, ferns will here find a congenial abiding place and offer a background of never-failing attractiveness. Creepers will be added, and in time this spot will present the appearance of a mountain jungle.

The old reservoir has been connected by pipe lines with the principal Fall and its waters will be added to those that pass over the Cataract, and join in the descent into the lake. Whenever the Water Fall shall be in operation, which will be at least on the afternoon of Sundays and holidays, its source of supply will be the small and large reservoirs on the hill, and those in turn will be replenished by the pumps, on such occasions in active operation.

This will not involve any waste of waters nor use of water for display merely. It will be emptied into the lake and from it drawn off for irrigation and sprinkling the drives.

Much planting has been done on the easterly slope of Strawberry Hill by way of perfecting the Water Fall scheme and rendering it one of the most interesting attractions in the Park. There is a handsome group of palms at the southeasterly angle of the hill. Trees and plants have been selected, reference being had to this exposure, to their adaption to the surroundings and to the effect of the moisture certain to be distilled from the Falls when in operation. Indeed, an effect is expected which would be impossible unless conditions were such as have been created.

Along the front of the Fall and adjacent to the lake, ample space has been provided as resting-places for those who wish to be near the splashing waters, and to give closer inspection of the trees and plants thriving there and not met with in other portions of the Park.

The site of the Falls is admirably located, relatively to the most frequented portions of the Park, so that it will not be necessary to go to their immediate neighborhood to see them in operation. From a considerable distance on the north drive—also from portions of the south drive—from the foot-bridge near the deer glen, from the aviary

and from all over Concert Valley, besides many less favorable points of observation, the whole eastern face of Strawberry Hill stands out in bold relief, with the Falls in the center.

The Huntington Water Fall will be a lasting invitation to the wealthy to come and do likewise.

WATER WORKS.

Years ago the then acting Board of Commissioners entered into a contract with W. B. Bradbury for the construction of works to supply the Park with water to be drawn from wells within the Park. The contract price was twenty-eight thousand dollars, and the capacity of the works when completed was about 300,000 gallons per twenty-four hours. The supply was sufficient for all requirements at that time. For the performance of the contract on the part of the Board, special legislation had to be secured, and a special appropriation made by the Board of Supervisors. The works did not come into the possession of the Commission until about three years ago, when the present Board made final payment to Mr. Bradbury, since which time they have been operated by the Commission.

The Bradbury works were worn out, constantly needing repairs, and at best were incapable of meeting the largely increased demands for water resulting from extension of drives and the wider area of plantings. The old pumps drew from two ten-inch wells, which gave evidence of a plentiful supply of water, but became so out of condition that the pumps drew sand as well as water. Hence it was deemed imperatively necessary to construct new works and advisable that they should be upon a scale commensurate with the requirements of the Park, not only in its present advanced condition, but equal to anticipating needs for several years to come.

Eight months ago, in part execution of the new works, well-boring was commenced in the immediate vicinity of the old ones. Four wells have been sunk twenty inches in diameter and of an average depth of one hundred and forty-five feet. Also, a fifth well has been sunk that is five and one-half feet in diameter for a depth of thirty-six feet, and for an additional depth of one hundred and ten feet this well is twenty inches in diameter. From this last mentioned well the pumps will draw their supplies, and they will at the same time, through suction pipes, draw from the other wells.

In order that we might have some proof of the water supply obtainable from these wells, after they were completed extra pumps were brought into requisition and a most thorough test made with gratifying results.

But this was not the only test of the water supply. Excavation was at once commenced for the site of the new engine house and the foundation for the pumps and engines. Skilled engineers advised that this foundation be carried below the natural level of the water in the wells, and while this work was being prosecuted five pumps, discharging sixty thousand gallons per hour, were employed day and night freeing the excavation from water. The water seemed to come from everywhere, and while it was a very troublesome visitor it was a most welcome one. Herman Schussler, Esq., is of the opinion that our wells tap a subterranean channel, and that the supply is inexhaustible. All lovers of the Park will rejoice at the prospect of such assurances of an abundance of that element, without which the Park again becomes a sand dune.

Mr. Schussler has rendered the Park much valuable service, and has done it gratuitously. He has been in almost daily consultation with Superintendent McLaren in respect to the new water works. He drew the plans and specifications for the pumps and engines and looked after their construction by the Union Iron Works, who were the lowest bidders for the work. It is with pleasure that we inform the public somewhat of the aid rendered by this gentleman.

There are two engines, two pumps and two boilers, each set acting independently of the other, with the joint capacity of delivering between fourteen and fifteen hundred thousand gallons of water in Park reservoirs every twenty-four hours. Ordinarily but a single set will be in use, as one will be able to supply the demand. But the duplicate works are a guarantee against scarcity of water in the event of accident to machinery, and in the dryer seasons of the year both pumps may be in commission. Again, there will be a large saving in this: the works will not necessarily be run at night, as was formerly the case, and hence but one engineer and his assistants will be required.

The machinery of the new works is housed in a concrete building 40 by 100 feet, of Moorish architecture, with tile roof, and stands on a foundation of concrete nine feet in thickness. The treacherous quicksand site rendered extraordinary care necessary; and for the same reasons, the smokestack was located 120 feet distant from the pumping works.

The machinery was constructed by the Union Iron Works at a price below cost, in accordance with an understanding between the parties to the contract. We like to acknowledge such evidences of generosity towards the Golden Gate Park.

The little valley in which the water works are located is well sheltered on all sides and affords an opportunity for the display of taste and skill in its plantings and improvement. Its proximity to the Arboretum and its tempered climate will encourage experiments in semi-tropical plantings, thereby adding to the varieties natural to the neighboring locality.

ARTESIAN WELLS.

Flowing artesian wells have been developed on the Almshouse Farm which discharge about 60,000 gallons of water daily—about double the quantity needed for the use of that institution. The overflow is at an altitude of twenty-five feet above the reservoir on the north slope of Strawberry Hill. It is proposed to sink additional wells and carry a three-inch pipe line from the wells to the reservoir, to which the water will find its way by gravitation. It is believed that from sixty to eighty thousand gallons per day can in this way be added to the Park supply at the cost of the plant, which is estimated at not exceeding \$3000. There are months during which such a supply would meet all Park requirements, thus making a large saving in pumping expenses.

The drafts made on this source will be subordinated to the Almshouse requirements; and as both the Almshouse Farm and the Park are the properties of the city, there will not arise any conflict about water rights. The pipe line, for a considerable distance, must pass through the lands of the Spring Valley Water Company, which has kindly granted the right of way. This undertaking will be entered upon as soon as the Park finances warrant.

Water, and water in abundance, is an absolute necessity in the Park. Indeed there cannot be any satisfactory results produced without it. Flowers, plants and lawns would disappear without a plentiful supply. The drives and walks, without sprinkling, would be unendurable, and the growth of the trees would be much retarded. Hence we have felt justified in incurring a pretty heavy expense in securing a safe and sufficient water supply. True, our own resources failing, resort might be had to the "Spring Valley"; but this would involve a yearly charge of from thirty to forty thousand dollars, whereas with our present superabundance the cost will not exceed six thousand dollars.

If the effort is made to bring forward a forest west of Strawberry Hill, to soil and fertilize that district, as in this report recommended, water will be an important factor in promoting success and then

there need not be any overplus,—all can be advantageously used. The sands will drink up all that is offered, and the trees will return thanks.

RECREATION VALLEY

is located near the southerly boundary of the Park, abreast of Fifth and Sixth avenues, and is twenty acres in extent, enclosed by slightly rising grounds and studded with pines on three of its sides. A few months ago some of our citizens delighting in the game of foot-ball as played in the Emerald Isle, took possession of the Valley and inaugurated a game there. They tried to measure the depth of the sand whose only merits consisted in furnishing an easy place to take a fall, and to tire out the contestants before a game was half finished.

During the Fall and Summer the valley has been neatly graded and covered with a coating of rich loam from twelve to eighteen inches in thickness, and it will soon become a beautiful lawn where foot-ball and base-ball will not only be permitted but encouraged. Benches will be placed under the trees, which furnish an inviting shade for the convenience and comfort of the thousands who go there to witness and engage in these sports. As the votaries of foot-ball were the first to commence playing in this valley they will be accorded the preference over base-ball, and the clubs are expected to adjust among themselves their times of playing without appeal to the Commissioners. Thus far there has been no occasion for the presence of any police force at the games, exciting and trying as they are, and it is anticipated that none will be necessary. Our officers will be better employed looking out for runaway horses and caring for lost children in other portions of the Park.

SAND DUNES.

The Park is a bed of sand with which nothing in the way of permanent improvement has been or can be accomplished without soils and fertilizers mixed with the sands. These necessary adjuncts have to be secured from outside districts, carted into the Park and distributed where lawns are being made and planting of trees, shrubs and flowers are contemplated. Whenever city lots, situated within convenient distances, are being graded, if they have a surplus of desirable material, arrangements are made with contractors for its delivery within the Park, and in this way many thousand cubic yards of soil are now piled up ready for distribution. A large quantity of

excellent loam has been taken from the lands of the Spring Valley Water Company in the vicinity of Lake Honda, and deposited in Recreation Valley, and in lesser quantities about the lake embankments. The water company have made an almost invaluable contribution to the permanent improvement fund of the Park. Similar generous donations of soils have been made, which, did appropriations justify, would be carted into the Park for the reserve supply. These soils are cheaper than street sweepings, because they are much more valuable per cubic yard and can be delivered to the Park at less cost. There ought not to be undue delay in securing these soils, because the lands from which they are to be removed will, ere long, in the progress of the city, pass into the hands of small holders, who will retain them for their own gardens. Before many years surface soil will be at a premium. Of manures there will always be an abundance. They will resuscitate exhausted soil as often as it may be necessary. Soil is soil forever. Once in the Park, the landscape gardener need not be at a loss as to what he may attempt.

We have made some efforts, though without avail, to secure at least a part of the street sweepings of the city to be delivered at the Park. They are composed of soil, sand and manure, and might be made a most valuable factor in Park improvement. We are not able to understand why the sweepings from the Western Addition should be carted to find dumping grounds at a greater average haul than it would be to the Park. Take the district bounded by Jackson, Buchanan, Haight and Devisadero streets, and it will yield an average of twenty-five cart-loads of sweepings a day. Every five days' yield would reclaim an acre of sand—would permanently improve it. Obtained at the expense of Park appropriations, and we can do better with the cost by expending it in the acquisition of soils, as hereinbefore explained. But the Park should have both, and must have both, unless the public is content to see the improvement in the growth of trees come to a standstill, and go to starvation and decay. Food is as essential to plant life as it is to animal life. It must have air, sunlight, water and food. Proper pruning will ensure the light and air; the water is secured and only needs distributing; the food is at hand, but it takes money to make it available, and the money depends upon the pleasure of the Supervisors.

THE FOREST OF THE FUTURE.

Succeeding Commissioners may not deem it obtrusive on our part to offer a few suggestions in regard to the treatment of some portion of the Park in the future. The body of the Park is a parallelogram

which with the panhandle is about four and one-quarter miles in length, bounding on the ocean at its outer limits. The prevailing westerly winds, cold and laden with moisture, manifest their effects upon vegetation and tree life in a marked degree over about one-half of the Park. These effects give warning of the extraordinary difficulties to be encountered in any attempt to duplicate out there the plantings that have been cultivated so successfully east of Strawberry Hill. The hill is about midway of the Park, whether measuring from north to south or east to west. From it, towards both the north and south, shoulders or spurs lead off, which, with the hill, form what seems to be a dividing climatic line. These elevations constitute more or less of a wind-break whose beneficial influence is easily discernible. The face of that portion sloping westerly as far as Twenty-fourth avenue, is an exception to the district stretching beyond toward the ocean. Most of the trees on this slope show a vigorous, healthy growth. The fogs bank along these and distribute their moisture to the advantage of vegetable life.

We think that portion of the Park lying to the west of Twenty-fourth avenue should be devoted to a forest, less so much of it as is and may be judiciously appropriated to drives and walks. In time the old, or north drive, should be widened to a uniform width of at least sixty feet. Neighboring to it a broad walk should be extended to the ocean, and equipped with benches and drinking fountains at convenient intervals. There should also be constructed contiguous to this drive a bicycle run extending to the beach, which should be for the exclusive use of the bicyclers. The use of the bicycle has been steadily on the increase of late years, and is said to be a most healthful exercise. It must have a recognized place in the Park, and it is essential that its privileges should be separated from the walks and drives. It frightens many horses, thereby rendering it unsafe for the wheelmen and those in the vehicles. The bicyclers should not be permitted to run over any and all the drives indiscriminately, and we apprehend that the patrons of the wheel will cheerfully conform to Park regulations when suitable runs are provided and allotted to them.

Between the overlook drive and the south boundary of the Park there should be prepared a walk that would not seek the beach by the most direct route, but meander from one little valley to another, disregarding distances, and reach the most sheltered and attractive spots, where the pedestrian could find rest and comparative seclusion in the woods. Cross and intersecting walks should also frequently occur in this portion of the grounds. The walks here suggested

will be comparatively well protected from the westerly winds so prevalent near the sea shore, by the trees growing along their margins. A promenade running into the "wind's eye" will prove unattractive, while one that meanders and takes advantage of topography will at all times encourage a prolonged stroll. Moreover, it will be found that the trees immediately bordering the walks will out-strip those farther away, because they will have better light and air.

From where the overlook drive and the old north one intersect, a new drive should be constructed in a southwesterly course and connect with the boulevard near the southwest corner of the Park. This done, and the drives around the lake suitably widened, vehicles will have received all the space and all the conveniences in the Park to which they are fairly entitled.

We are not able to state with accuracy the relative proportions of Park visitors, whether in vehicles or on foot, but we estimate that fully ninety-five per cent are pedestrians. Hence we say that carriages have received about all the consideration to which they are entitled.

The encroachments herein suggested upon forest space would not be great—indeed, would be required for ingress and egress necessary for their proper care.

When planting commenced in the section under consideration, barren sand dunes presented a discouraging prospect, and but little was attempted in the way of fertilizing to give sustenance to the young trees. However, something was done—as much as was possible, meagreness of appropriations considered. The experiment has proved reasonably successful. The trees, wherever a little surface soil and manure have been fed to them, have shown their gratitude and rewarded the outlay.

Now, our proposition is that this district, with the exception for drives, etc., noted, should be dedicated to trees, and that special effort should be made to bring them into a healthy, growing, thriving condition.

There are two lines of water pipes in place in the district now. Three others should be added, so placed as to localize irrigation where desired. Especially should surface soils in liberal abundance be carted into the district and distributed among the trees. They will not thrive and have health without this sustenance. Manures mixed with the sand only soon lose their virtues by seeping away through the sand and drying up under the influence of the winds and the rays of the sun. A cartload of good soil placed about a tree is

a permanent improvement and will insure a permanent tree; the moisture will be retained and the fertilizers will give daily nutriment.

Give this district water—of which we have an abundance—soils and manure mixed with the sand, and a handsome, thrifty forest will certainly follow, and gradually become more and more attractive. Pruning and weeding out of the feeble trees must not be neglected.

The execution of this plan will cost a good deal of money, but not as much by far as would improvements after the character of those east of Strawberry Hill. Twenty-five or thirty thousand dollars per annum expended as recommended until every acre has been treated generously will make the forest an established fact, and thereafter only a moderate annual expense will be required for watering and pruning. Fountains and benches should be supplied liberally.

Such a wood, interlaced with well-designed walks and paths, would invite to pedestrianism, of which there is too little now. The advantages would be manifested in the more vigorous health of the rising generations as well as in better physical development. In some localities in the East pine forests are treated as sanitariums, where the invalid is invigorated and restored by inhaling the exhalations from the trees.

Perhaps objection will be offered to our recommendations in this behalf because of the distances. Observations upon the habits of those who frequent the Park lead to a different conclusion. Furnish a motive, provide an attraction, and distance is no longer an obstacle. Three years ago Strawberry Hill attracted very few visitors—almost none at all on foot. The generous citizen, Thomas U. Sweeny, erected an observatory on the top of the hill, sheltered the visitor from the bleak winds, gave him an outlook from which nature could be enjoyed in one of its grandest panoramas, and hundreds found their way there and made no complaint of the effort. An increase of walks and a widening of the drive leading to the observatory followed to meet the public convenience.

The lake was commenced, and its eastern section completed soon after Mr. Sweeny finished his work. Hundreds visit the lake daily, and thousands on Saturday afternoons and Sundays. McDowell path leads past the aviary and the buffalo glen, and on a pleasant Sunday there is a procession passing over this walk going to the lake and Strawberry Hill.

Of course here and there throughout the forest there should be provided rustic houses of attractive designs where picnic parties could assemble and enjoy their lunches seasoned with the consciousness that they were joint proprietors of their surroundings and that

they run no risk of being disturbed in their rural retreat. The cares of the shop would be forgotten, the temptations of the town would be miles away. They return to their homes, tired it is true, but better citizens morally and physically, to sleep the sleep of the just and on the morrow resume their studies in the school room and their tasks in the shops vastly benefited by their real rest.

There are considerations involving the well-being and good order of a community not to be overlooked or underestimated. It is economy to the tax-payer to draw the youth especially away from the haunts of vice—away from the idleness and temptations of the street. There is a decided preponderance of good manners, good order, courteous deportment and cheerfulness everywhere apparent in the Park, the quiet effect of which is to subdue without the interposition of the police any unruly designs intended by the few. This better tendency should be fostered by providing attractions to meet the varied tastes of the people.

The variety of trees that will flourish in the Park, so far as experiments show the way, is not large unless protected from the raw winds. The live oak that becomes such a giant and so symmetrical in form and so generous with its shade in near-by valleys is not a success. The beech, birch, maple, elm, walnut and a multitude of other deciduous trees so dear to the heart of those familiar with their beauties in "the States" give no promise of reminding us of home in this too tropical latitude, except in a limited way in the most sheltered places. Hence we cultivate the limited variety that seem to thrive best in the outside districts.

Brief report has hitherto been made of the observatory constructed by Thomas U. Sweeny on the summit of Strawberry Hill. Mr. Sweeny at first erected one story, which was found to be such a convenience, and gave such general satisfaction, that he determined to add another story and encircle the interior with a balcony, from which more commanding views could be had of the landscape there to be enjoyed. This gentleman has now signified his determination to the Board to complete the work so far carried forward by him, and add a roof of glass, thus enclosing the entire structure. Mr. Sweeny will carry out this purpose in his own good time, and he gives us permission to state that he or his executor is certain to execute his designs.

When the first story of the observatory was finished and turned over to the Park some ceremonies took place which in justice to Mr. Sweeny should be preserved as a part of Park history. Already he has expended about fifteen thousand dollars, and estimates the cost

of fully carrying out his plans at ten thousand dollars more. This liberality, emanating from one who leads such a quiet and unpretentious life, richly deserves, as it will surely receive, the lasting commendation of his fellow-citizens. One of the objects of a report should be to transmit historically such generous liberality for the imitation of others.

The donating ceremonies were attended by city officials and a large number of citizens interested in Park matters. Mr. Stow, President of the Board, introduced Mr. Sweeny, who spoke as follows:

"In presenting the gift of this panorama or observatory to Golden Gate Park it may be necessary to make a few remarks about the giver.

"I was born in New York, and started from New York City December, 1851, on a sailing vessel loaded with powder and other merchandise for Chagres. Then went up the Chagres river in a row-boat to Gorgona, and then walked across the Isthmus, about twenty miles, to Panama. Then sailed from Panama on the steamship Monumental City, and arrived in San Francisco March 4, 1852, after a passage of forty-nine days from Panama to San Francisco, with about fifteen dollars in my pocket when I arrived.

"Staid in San Francisco two days and then went to Sacramento, and the levee broke the next night, and I lived on bread and cheese for six days, on about fifteen cents a day, because the city was under water and I could not get out. And when I got a chance I went to Diamond Springs, in the gold mines, with just one dollar and fifty cents in my pocket, and with that I bought a pan for fifty cents, a pick for fifty cents, and my last fifty cents went for something to eat, and then I was dead broke, and it was hard to find any work to do. I mention this to show that even the poorest young man here to-day is as well off as I was then—and I did not know any person. So you see that some of you have a chance to make the city or some other place as good a present as I have to-day.

"I think this Panorama is the right thing in the right place. Where can you get a better view? Look to the eastward, there is Sweeny's Peak, Mount Olympus, Buena Vista Park and the city, and on the other side of the bay there is Alameda, Oakland and Berkeley, and in the distance grand old Mount Diablo; then looking on the grand Bay of San Francisco, with its shipping, there is Goat Island, Angel Island and Alcatraz Island, and in the distance Mount Saint Helena.

"Then looking northerly there is Marin county, Saucelito, and grand old Mount Tamalpais; three thousand feet high. Then there

is Golden Gate, where many a longing eye has looked to sea and is known all over the world. Then there is Bonita Point Lighthouse and Point Reyes Lighthouse and Sutro Heights, one of the finest private gardens on the Pacific Coast, and is kept open free by Mr. Sutro, with the Cliff House and the Seal Rocks below it. Then to the westward is the grand Pacific Ocean, with one of the finest beaches in the world near a great city. Then there are the Farallone Islands, twenty-one miles out in the ocean, and most any evening a real tropical sunset worth a drive of five miles to see. Then to the south there is San Mateo county, with its grand farms, and the steam cars running to the beach. And let me say that the architects, Percy & Hamilton, and the concrete builders, Ransome & Cushing, deserve great credit for the manner in which they have done their work.

“And I now present this magnificent structure to the Park Commissioners for the benefit of the public.”

Park Commissioner W. W. Stow responded. In accepting the generous gift he said:

“It is with pleasure that the Park Commissioners, on behalf of the citizens of San Francisco, thankfully accept this amphitheatre now formally presented by its builder.

“Its uses and advantages to the lovers of the beautiful and grand in nature's handiwork have been adverted to by its donor, Mr. Sweeny. But the attractions inviting sightseers to this spot must be seen to be appreciated. Verbal description, however carefully and poetically expressed, would fall far short of conveying a correct idea of their extent and grandeur. No higher praise can be bestowed upon Mr. Sweeny than the statement that he saw and comprehended the wondrous works of nature here displayed, and generously furnished the means for their enjoyment by others.

“Donations designed by their givers to contribute to the public good or pleasure are colored by the diverse phases of the human mind, influenced by surroundings and the force of education. Whatever tends to purify and elevate human nature is an instructor in the right direction. The intellect expands in proportion to the breadth of its advantages. Attractive scenery is a healthful adjunct to the schoolroom and the church. Its doctrines and creeds are as wide as the world and are co-extensive with the habitations of man. The State has undertaken elementary education, and in late years has aided the so-called school by contributing to the beautifying of the works of nature. Hence public parks. The refined taste of a community,

progress, civilization, may be measured by the extent of, and the care bestowed upon, grounds for healthful recreation and pleasure.

“Among the possessors of wealth and generous impulses one will contribute to the adornment of a church, another to the founding of a religious institution, another to the relief of the infirm, another to the strength of a university, others, acting upon a broader and more catholic impulse, contribute toward the promotion of the happiness and pleasure of all sorts and conditions by bestowing means toward the enhancement of the beauties of the forest and the field.

“The cultivation of the Golden Gate Park was commenced about twenty years ago. The struggle that has been going on during these few years in an endeavor to subdue its stubborn barrenness, to produce where production seemed impossible, to transform the uninviting into the delightful, is well known to all our people. They have watched its progress and enjoy and rejoice in the victory thus far achieved. Golden Gate Park is now the people's pleasure ground. Its gates are open to all who choose to enter. The tens of thousands who visit its walks and drives and lounge upon its lawns and while away their leisure hours, are thankful that *they own* one spot on God's earth where they can hold converse with nature in her best and most fascinating adornments. The happy faces, the holiday attire, the courteous demeanor, the respect shown to age and the tender thought bestowed upon the young, the absence of apparent discontent, freedom from care, all attest, more emphatically than words can, the civilizing influences of the Park. Here children are taught the love of plants and flowers and the methods of their culture. Here is taught what skill and perseverance can accomplish in overcoming discouraging beginnings. No one visits the Park who does not leave wiser and better.

“How shall these ever-present teachers be strengthened and re-enforced? An appreciation of all, and more, than I have attempted to portray induced the present Board of Supervisors to permit the taxpayers of the city to provide for the care and maintenance of present improvements and for adding thereto during the current fiscal year on a scale in harmony with the enterprise and liberality of the public. The Board recognized the wishes of their constituents and responded with an appropriation coextensive with the limits of the law. In the near future there will be additional means of amusement for the children, greater security for pedestrians crossing the drives, and a lake much needed for the storage of water, which will be the most attractive feature in the Park. At the western end of the Park a marine lake is possible, when boating can be added to the present public pastimes.

"It is unfortunate that our wealthier citizens visit the Park in carriages only. Hence they know little of the many delightful walks, whose extent and beauty far exceed the drives. They know little of the capabilities for improvements far in excess of those now developed. It is believed that if these wealthy classes knew the Park better there would be more to imitate the example which has brought us together to-day.

"There is here a broad opening for the display of liberality for the public pleasure. With what a continuing delight and thankfulness would the increasing multitudes of Park visitors hail the founding of a well-ordered museum in the Park? What streams of curios would flow to it from all over the coast? The State is rich in small collections which, could they be concentrated, interest would be enlisted and the means of instruction enlarged. The many would be amused and the scientist instructed. Nature's wonderful works would excite the curiosity of the young and new pages for study and reflection would be opened. A spirit of research, otherwise dormant, would be aroused and latent talents find means of congenial development.

"Neighboring to the museum should be the library, filled with the recorded facts and thoughts of the ages, where the student could peacefully indulge his tastes, surrounded by ever-blooming plants and lawns that never fade. Edifices constructed and dedicated to such purposes will keep fresh the names of their builders through all time, and their memories will be fondly cherished by grateful generations.

"The good that may be done, the field open to occupation, furnish a theme too broad for an occasion like this.

"One might enlarge indefinitely upon the advantages of parks to the denizens of large cities. I am constrained to confine myself upon this occasion to the most superficial of references.

"The Park Commissioners and Mr. Sweeny, recognizing the signal service rendered to this community in his official capacity by the Hon. Frank McCoppin, in the setting apart and dedication to the public use and pleasure of these extensive grounds, have invited him to be present and to say something whereof he knows. He is so thoroughly conversant with the history of the Park and of the advance of improvement which the Park, like a great magnet, has drawn toward itself, that he will be listened to with pleasure."

At the conclusion of Mr. Stow's speech Hon. Frank McCoppin spoke as follows:

"We are met here to-day to witness the performance of a good deed by one whose simple story you have just listened to. We are

told 'the evil that men do lives after them, the good is oft interred with their bones;' but, fortunately, there are exceptions to this rule, and the present is an honorable one. This work will stand unimpaired, I hope, long after those who now look upon it will have passed away, and henceforth, through the ages it will attract the attention of people entering the Golden Gate, and upon inquiry they will learn that there lived in this vicinity a man who loved to look upon the beautiful in nature, especially the mountains and the ocean, and finding he could best gratify this desire when standing upon this mound, he resolved to fit it up as you see it now, for the benefit of his fellow-citizens. Here, sheltered from the harsh winds, they can enjoy this noble panorama which this man so often breasted the storm to look upon.

"This gift is exceptional—it comes from an unexpected quarter. Rich, powerful, ambitious and sometimes unscrupulous persons, in all ages and countries, have made gifts to the people. When Cæsar gave 'all his walks, private arbors and new planted orchards on this side Tiber' to the people of Rome, he was master of the world, and besides his gift did not take effect until after his death. But here we find an humble citizen, one of the masses, unmoved by ambition or the love of power, giving largely of his means for the benefit of his fellow-townsmen. An example like this is certain to bear abundant fruit in the future. This is the people's Park; here the toilers come to recreate themselves, and whoever adds to its beauty and attractiveness, and thereby to their pleasure, will surely be enrolled among God's people, for are we not told that he who giveth to the poor lendeth to the Lord? Thirty-seven years ago Mr. Sweeny came out here and settled upon what was then a waste. He had no title then to these sand dunes—for that he had to wait fourteen long years—but he had faith in himself and the future of the city. The city was not in a position to deal with the question of title to this land until 1866. In 1864 Judge Field rendered a decision in favor of the city's claim to four square leagues of land upon this peninsula and decree was entered in May, 1865. The decree so entered in the Circuit Court was subsequently approved by Act of Congress of March 8, 1866, and the long-pending dispute thus brought to an end. It is understood that the Confirmatory Act of Congress was drawn by Judge Field, and, therefore, it is to him, first as Judge, and afterward as the framer and promoter of this legislation, that the city owes its possessions here to-day.

"Prior to 1866, the city, by the passage of the Van Ness Ordinance, disposed of its title to all the lands within the pueblo limits,

up to the charter line of 1851. Devisadero street on the west, and Twenty-second and what is now Napa street—running to the bay—on the south; therefore the decree and Act of Congress just referred to related practically only to the territory lying outside of the charter line aforesaid and within the pueblo limits, and then known as the 'Outside Lands.' It was all claimed by squatters—or settlers, as they called themselves—and as they were actively aggressive and very effective in municipal and State politics, it was found very difficult to deal with them equitably and at the same time save what was necessary for a park and other public uses. The question entered somewhat into the election of 1867, when a party was formed here which promised each elector who would act and vote in a given way a fifty-vara lot, but this only resulted in further muddling matters. There is a conflict between the language of the decree of the Circuit Court and the Act of Congress. The decree says: 'This confirmation is in trust for the benefit of the lot-holders under grants from the pueblo, town or city of San Francisco, and as to any residue [the Outside Lands] in trust for the use and benefit of the inhabitants of the city.' The grant by Congress provides 'that all the said land [the outside land] not heretofore granted to said city shall be disposed of and conveyed by said city to parties in *bona fide* actual possession thereof, by themselves or tenants on the passage of this Act, in such quantities and upon such terms and conditions as the Legislature of the State of California may prescribe, except such parcels thereof as may be reserved and set apart by ordinance of said city for public uses.'

"The necessary confirmation by the Legislature of the acts of the municipality was the real and paramount difficulty in the way of settlement. California Legislatures are not, as a rule, disposed to favor this city, and when it is remembered that among the numerous claimants to this land were such able, influential and powerful men as the late John B. Felton, Eugene Casserly, Eugene Sullivan, John H. Baird, Eugene Lies, and many others whose names I need not now recall, and that they would naturally oppose any adjustment not conducive to their personal interests, the difficulties which then surrounded those whose duty it was to save this Park for the people will be but faintly understood. The claimants had influence enough to block the city, through the Legislature, in whatever it might attempt that would be absolutely distasteful to them, and, therefore, it was necessary to have, in so far as it could be obtained, the assent of their leaders to the principles of a plan of settlement before its details were unfolded. With this object in view they were got together

and asked to say, each for himself, how much he would be willing to surrender to the city in return for the city's title. The smallest sum named by any one of them was ten, and the largest twenty-five per cent of their holdings. Felton, who did everything in a large way, named the highest figure.

"They were then asked whether they would be willing to surrender 10 per cent of their holdings and co-operate with the city in carrying through the Legislature a measure framed upon that principle, and confirmatory thereof, and they all said they would. They were dealing with the Mayor-elect, a man whom they well knew and who was then and for the preceding seven years had been the Supervisor of the Eleventh Ward, which embraced almost all the territory in question, as well as the land covered by the Van Ness Ordinance. Order 800, with whose provisions you are familiar, was evolved out of these conditions. The committee appointed under it to appraise the 'Outside Lands' found they were worth over twelve million dollars, and the portions taken for public use, including this Park, were valued at something under thirteen hundred thousand dollars, and an assessment of $10\frac{3}{4}$ per cent upon the whole was sufficient to pay those whose land was taken 90 per cent of its appraised value, and thus was settled forever the largest and perhaps the most momentous question ever dealt with by this municipality.

"And now, after the lapse of twenty-three years, looking at it dispassionately, I do not know that I would change that settlement in any particular save one—I wish the Park could have been made larger than it is. But when we consider the time in which the thing was done, the absence of public sentiment upon the subject of parks, the greed of individuals and the general want of education among the people in regard to public grounds, it is really a matter for congratulation that so much was accomplished. Perhaps we builded better than we knew. But I cannot forgive the Seligmans and others like them, for that mutilation of the Park which resulted in the 'Panhandle.' The Park should have commenced at Devisadero street and embraced all the land between the cemeteries on the north and the Buena Vista Park on the south, and such would have been its boundaries were it not for the cupidity—the vulgar greed of a few individuals. Before closing this brief address I deem it proper to say two things. First, of all those who, in 1868, received this vast estate from the city upon paying 10 per cent of its then value, Mr. Sweeny, though not by any means one of the largest beneficiaries, is the first and only one thus far to show a direct tangible appreciation of the benefits then conferred upon him by a

generous community. Through this gift to the people he expressed his gratitude, his love for his fellow-man, and reverence for God and all His works.

“Second—In this age, when general misconduct upon the part of public servants throughout the land has been carried to such an extent that official life has become a thing to be almost dreaded, it is agreeable to be able to say, and I take pleasure in saying it upon this occasion, that the administration of the affairs of this Park, from the time when Henry Haight, as Governor, appointed the first Commission, has been throughout clean, honorable and above suspicion, and when the people come here to recreate themselves they have the satisfaction of knowing that the public funds contributed for the improvement of this place are honestly expended.”

SECRETARY'S REPORT.

To the Honorable the Board of Park Commissioners:

GENTLEMEN: I have the honor to submit herewith my report for the fiscal year ending with this date.

RECEIPTS AND DISBURSEMENTS FROM JULY 1, 1892, TO JULY 1, 1893.

RECEIPTS.

From taxes.....	\$203,775 59
From children's quarters.....	5,807 70
From canal.....	483 45
From fines.....	500 00
From rent of fruit stands.....	300 00
From rent of P. & O. R. R. Depot.....	100 00
From sale of old iron.....	47 40
From sale of old horses....	350 00
From donations.....	238 35
	\$211,603 49

DISBURSEMENTS.

Construction and improvement.....	\$110,750 92
Maintenance.....	80,354 55
Stock.....	1,762 80
Miscellaneous.....	5,227 02
Salaries, Superintendent and Secretary.....	5,100 00
By over-draft last year ..	21 33
Balance on hand.....	2,376 87
	\$211,603 49

CONSTRUCTION ACCOUNT.

STRUCTURES.—Constructing Rustic House, Sheep Shelter, alterations to Aviary, concrete bridge at lake, stone bridge at lake, grading for engine house, grading for bridge, Architect's fees, lumber, labor and material.....	\$10,219 72
WATER WORKS.—New water work system, including power house, digging wells, well casing, etc., extension of distribution pipe system, including pipe, labor, etc, Architect's fees.....	41,463 40

DRAINAGE.—Grounds, pipe, lumber, labor, etc.....	\$167 17
WAYS.—Construction of new roads, walks, etc., including all labor of grading, quarry work and macadamizing, powder, fuse and other material, surveying, labor and material.....	9,353 27
GROUND.—To labor, etc., of grading, forming, dressing, trimming, and fertilizing grounds newly brought to a finished condition in this respect, purchase of loam and plants	5,442 89
PLANTATIONS AND FORESTS AND RECLAMATION.—Planting trees, loam, etc., for reclaiming the sand drifts, labor and material.	7,441 72
CONSERVATORY.—Purchase of new plants especially for the Conservatory.....	359 65
LAKE.—Construction of lake, clay, powder and fuse, surveying, labor and material	35,225 10
SMALL WORKS.—Hauling manure and soil, improving Mountain Lake Park.....	1,088 00
Total.....	<u>\$110,760 92</u>

MAINTENANCE ACCOUNT.

STRUCTURES.—Labor, lumber, paints and oils, hardware, glass, etc., devoted to and used in repairs and general maintenance of buildings, labor and material.....	\$4,502 81
WATER WORKS.—Labor in repairing water pipe, maintenance of water works, engineer, coal, cleaning wells, labor and material.....	5,403 21
DRAINAGE.—Labor and material for maintenance of sewers.....	192 65
ROADS AND WALKS.—Labor and material, repairing, cleaning, dressing, sprinkling, etc., roads, walks, concourses.....	9,126 22
Amount expended for water sprinkling and repairing Point Lobos Road.....	2,133 25
GROUND.—Maintenance of garden and flower plots, lawns and grounds generally.....	28,692 05
FORESTS AND PLANTATIONS.—Labor, trimming out and cutting trees; Insecticide for same.....	174 00
CONSERVATORY.—The current cost of the Conservatory, including labor, material, fuel, etc.....	6,018 06
POLICING.—The services of the regular police and extra men.....	15,972 55
CHILDREN'S QUARTERS.—Cover over Merry-go-Round, repairs, food for donkeys, harness, coins, tickets, stationery, fencing Merry-go-Round, improving basement, labor and material...	11,703 89
AVIARY, DEER, ELK, BUFFALO, ETC.—Labor and material.....	2,435 86
Total.....	<u>\$86,354 55</u>

APPORTIONED ACCOUNT.

NURSERY.—The entire Nursery expenses, including labor, material, and new stock..... \$6,005 16

STABLES.—Including hay and grain, horse-shoeing, attendants, etc., veterinary services rendered..... 10,986 32

STOCK AND MISCELLANEOUS ACCOUNT.

STOCK.—Birds, horses and rolling stock. 1,762 80

MISCELLANEOUS.—A number of items of current expenses not chargeable under either of the foregoing heads, printing demands, office expenditure, telephone, printing, stationery, canal tickets, music, insurance on buildings, freight and general expense..... 5,227 02

WATER-PIPE LAID DURING YEAR 1892-93.

¼ inch.....	5½ feet
1 inch ..	114 feet
1¼ inch ..	531 feet
2 inch.....	6,019 feet
3 inch.....	771 feet
4 inch.....	609 feet
6 inch.....	256 feet
8 inch.....	452 feet
12 inch.....	2,500 feet
Total...	<u>11,257½ feet</u>

LIST OF DONATIONS TO THE PARK FROM JULY 1, 1892, TO JULY 1, 1893.

Teal shooting Club.....	One swan and two white geese
Dr. H. Redding.....	Plants from the <i>Darlingtonia Californica</i> from the slopes of Mount Shasta
Mrs. Schtenhaus	Canaries
Mrs. B. B. Cutter	Collection of Japonicas
Mrs. J. H. Garden	One parrot and two canaries
Mrs. Elliott	Two canaries
Mrs. Howard.....	Two canaries
M. A. Owsley.....	Twelve canaries
Geo. D. Flack	One Japanese cock pheasant
C. Bailey.....	One pair Persian sheep and one pair Angora goats
Mr. Cruickshank	Two brace of pheasants
J. McLeod Horne	Two ring-doves
Mrs. C. A. Kolton.....	Five canaries
H. Lawrence.....	One pair mourning doves
Mrs. Capt. Reed	Six <i>Dendrobium</i> orchids from Singapore
Otto Remer.....	One canary
Mrs. D. Thom.....	One roselle
T. Hopkins.....	One pheasant
Mrs. L. A. White.....	One female mocking bird
J. M. Rusk, Secretary of Agriculture, Washington ...	Copy of Illustrations of North American Grasses
Carl Purdy.....	Collections of native bulbs and plants
S. Main.....	One Seabright bantam and two canaries
Dr. Maurin.....	Seeds of the <i>Persica</i> from Tahiti
Miss Lichrowski.....	One linnet
J. W. Floud.....	Six packages <i>Primula</i> seed
Mrs. C. F. Stone.....	One canary
Mrs. Harspt	One canary
A. Rozanoff	One swan
Jas. Conley.....	One pair Japanese mocking birds
J. C. Siegfried	One box acacia seed
Spreckels Bros	One pair emu
Mrs. Lloyd.....	Collection of birds and pheasants
Miss Stow.....	One case of ferns
Dempster & Son.....	Seeds of eucalyptus and acacia
S. F. Produce Exchange.....	Arizona quail
Mr. Borel.....	One pair doves
Mrs. S. C. Talcott.....	Four canaries
Mrs. Chas. Foster.....	Three linnets
E. Stroecker.....	Two Mexican blue-jays

Miss F. M. Parker	One canary
Vernon Campbell	One goat
Mrs. Shaw	Two female canaries
Miss Lagomarsino	One mocking bird
Mrs. Mason	One ring dove
H. E. Norton	One water fowl
F. O'Neal	One canary
A. Wichrowski	Two Australian love birds, one canary
Miss M. A. Smith	One Kansas quail
Mrs. C. Cook	Two canaries
.....	Monthly Copies of the California Architect
William Alvord	Copies of the Gardener's Chronicle
John Rock, San Jose ..	13 Cork elms, $\frac{3}{4}$ in. diameter, 14-15 feet; 2 Cork elms, $\frac{2}{3}$ in. diameter, 14-15 feet; 8 French elms, 8-10 feet; 10 smooth-barked elms, 12-14 feet; 50 American elms, 12-14 feet; 2 cutleaved walnut, 4-6 feet; 1 weeping walnut, 4-6 feet; 5 <i>Virgelia Lutea</i> , 4-6 feet; 2 mulberry multi-caulis; 4 <i>Caragana Arborescens</i> , pendula; 5 weeping <i>Sophora</i> , 4-6 feet; 12 <i>Acer Polymorphum</i> , 6-8 feet; 2 weeping <i>Laburnum</i> , 6-8 feet; 162 <i>magnolia purpurea</i> , rubra and gracilis, 4-6 feet; 120 <i>Deutzia gracilis</i> ; 3 <i>Deutzia crenata candidum</i> ; 10 <i>Calycanthus Occidentalis</i> ; 16 purple filbert; 27 purple-leaved <i>Berberis</i> ; 8 red-fruited <i>Berberis</i> ; 6 <i>Magnolia Soulangeana Nigra</i> ; 2 <i>Parlownia Imperialis</i> , 4-6 feet; 5 Pomegranate, Mad. Legrelle; 13 <i>Spirea Billardia</i> ; 28 <i>Cydonia Japonica</i> ; 6 <i>Enonymus American</i> ; 12 <i>Stillingea</i> (or tallow tree); 13 variegated <i>Weigelia</i> ; 3 <i>Weigelia Hortensis</i> ; 3 <i>Weigelia Hortensis</i> , J. G. Veitch; 4 <i>Magnolia Robus</i> ; 22 <i>Chæmeorops Excelsa</i> , 25 to 30 feet high; 990 <i>Picholine</i> olives; 49 grafted olives; 6 olives in boxes; 255 <i>Magnolia grandiflora</i> ; 200 <i>Oleanders</i> ; 20 <i>Magnolia grandiflora</i> ; 6 <i>Dracaena Australis</i> ; 8 Bamboo; 3 <i>Brahea Edulis</i> ; 1 <i>Brahea Calcalata</i> ; 2 <i>Damaria Robusta</i> ; 2 large hollies; 1 <i>Cryptomeria Araucaroides</i> , 6-8 feet; 1 <i>Cryptomeria Araucaroides</i> , 4 feet; 1 <i>Cryptomeria Araucaroides</i> , 3 feet; 6 <i>Osmanthus illicifolius</i> ; 2 <i>Enonymus Radicans</i> ; 2 <i>Nandulia domestica</i> ; 150 <i>Ivies</i> , assorted; 88 Bamboo, assorted; 27 <i>Eulalia Jap. Zebuna</i> ; 60 <i>Pampas grass</i> ; 1 <i>Arbutus unedo</i> ; 1 <i>Photinia</i> ; 2 <i>Sabel Adansoni</i> ; 1 <i>Golden Arbor Vitæ</i> ; 2 <i>Bioto Orientalis filiformis pendula</i> ; 1 variegated <i>Loquat</i> ; 4 <i>Dracaena Draco</i> ; 4 <i>Cocos Australis</i> ; 2 <i>Douglas spruce</i> ; 585 <i>Pelargoniums</i> , assorted; 80 <i>Nymphea odorata</i> ; 40 <i>Nymphea odorata rosea</i> ; 60 <i>Nelumbium speciosum</i> ; 3 <i>Juncus Zebuna</i> ; 98 Mad. Gabriel Luizet roses; 40 <i>Jeanne Vicolor</i> ; 52 <i>Rosa Violosa</i> . Bulbs—500 <i>Amaryllis Belladonna</i> ; 24 <i>Amaryllis Vittate</i> , red; 24 <i>Amaryllis Vittate</i> , striped, red; 24 <i>Amaryllis Lindenii</i> ; 100 <i>Amaryllis Formosissima</i> ; 170 <i>Amaryllis Longifolia alba</i> ; 100 <i>Amaryllis Longifolia rosea</i> ; 100 <i>Amaryllis Ismenia Galthina</i> ; 680 <i>Pancratium album</i> .

Mrs. Fenney.....	One canary and one linnet
Mrs. A. Moore.....	Water-lily bulbs
H. M. Hafford.....	One canary
Miss Murry.....	One meadow lark
S. W. Hawxhurst.....	Four Mandarin ducks
Mme. de Guigne.....	Package of wild heather seed
Mrs. Geo. Ruggles.....	One canary
Mrs. C. A. Hooper.....	One Cardinal bird
E. Keilner.....	Collection of grape vine cuttings
W. H. Wheeler.....	Three linnets
Dr. J. Raabe.....	Six packages of seed from Cochin China
E. Harper.....	One canary
Miss Sherrin.....	Two canaries
J. D. Horan.....	Two mountain quail
Hugh Craig.....	Two tree ferns
Col. Thornton.....	Three pairs Japanese ducks
Mrs. Geo. H. Clark.....	One canary
Mrs. Proff.....	One female mocking bird
Charles Lanier.....	One German wachtel
Mrs. Gassaway.....	One linnet
Mrs. C. Sullivan.....	One paroquet
C. R. Bishop, of Honolulu...	One pair spotted deer, one doz. Laysan Island birds
C. L. Kingsley.....	Two roselles
Dr. Rabe.....	Collection of South Sea Island seeds

DONATIONS FROM THE PARK DURING 1892-93.

TO THE HOUSE OF CORRECTION.

Scabious, 1 box.....	100	Fuchsias, mixed.....	25
Ænathera, 1 box.....	100	Helichrysum.....	25
Coreopsis, 1 box.....	100	Cosmos, mixed.....	25
Godetia, 1 box.....	100	Stocks.....	25
Tagetes, 1 box.....	100	Marguerite, blue.....	25
Heliotrope.....	6	Erica alba.....	2

TO THE CITY AND COUNTY HOSPITAL.

Dracenia Aus.....	12	Box.....	1
Veronica.....	20	Acacia.....	12
Arborvitæ.....	2	Latifolia.....	2
Pinus, mixed.....	6	Buddleya.....	1
Polyanthus.....	6	Abutilon.....	1
Cupressus macrocarpa.....	3	Pansy.....	50
Lawson cuperus.....	3	Violets.....	50
Pittosporum Nig.....	1		

TO THE ALMSHOUSE.

Acacia Fragens... ..	50	Laurustinus cuttings.....	25
Leptospermum larg.....	50	Phormium tenax... ..	6
Buddleya globosa.....	10	Tritonia.....	25
Veronica, mixed.....	10	Fuchsia, mixed... ..	25
Myoparum.....	1	Montbrethia.....	25

TO THE GIRLS' DIRECTORY.

Cupressus macrocarpa.....	12	Broom, yellow.....	24
Cupressus Johnson's seedlings..	24	Broom, white.....	12
Dracæna Australis.....	12	Leptospermum lavigatum.....	12
Portugal Laurel.....	2	Cistus, mixed.....	6
Veronica, mixed.....	24	Acacia, mixed.....	24
Buddleya Globosa.....	2	Eucalyptus.....	50
Ceanothus.....	2	Cupressus macrocarpa.....	50
Habrothamnus.....	2	Veronica.....	30
Abutilon.....	2		

PARK COMMISSIONERS' REPORT.

TO THE WORLD'S FAIR.

Pittosporum.....	25	Echeveria	100
Pittosporum Nigrum.....	25	Agave, mixed.....	10
Pittosporum Eugeneoides.....	25	Sedum aurea.....	500

TO THE SCHOOL DEPARTMENT.

Hydrangea	12	Aloysia Citriodora.....	2
Erica alba.....	12	Salvias, mixed.....	24
Myrtle	12	Broom	6
Acacia.....	25	Gnaphalium.....	24
Stevia.....	12	Diosma alba.....	2
Pittosporum Eugeneoides.....	24	Achyranthes.....	150

TO THE BRANCH JAIL.

Veronica.....	48	Fuchsias	50
Cup. Macrocarpa.....	6	Heliotrope.....	6
Tree box.....	12	Stocks.....	10
Dracaena Australis.....	12	Achyranthus.....	100
Ceanothus	6	Helichrysium.....	25
Buddleia glob.....	6	Chrys. carnatum.....	25
Rhamnus, Cal.....	2	Corœopsis.....	25
Pinus, mixed.....	3	Dianthus.....	25
Leptospermum.....	12	Convolvulus, major.....	6
Cistus, mixed.....	6	Pinks.....	6
Broom, small white.....	4	Scabious.....	25
Heath, white.....	2	Ænathera	25
Cosmos, mixed.....	50	Hydrangea.....	2
Poppies, mixed.....	50	Pittosporum eugeneoides.....	2
Godetia	50	Palms	2
White Rocket.....	10	Lobelia.....	200
Tagetes, mixed.....	50		

TO THE LICK OBSERVATORY, MOUNT HAMILTON.

Pinus	50	Acacia Melanoxyton.....	25
Broom.....	100	Acacia Verticillata.....	5
Ulex.....	12	Acacia lophantha.....	10
Heath, mixed.....	12	Acacias, mixed.....	100
Cuppressus macrocarpa.....	100	Pinus Massoniana.....	3
Cuppressus Lawsoniana.....	50	Pinus Sylvestris.....	6
Acacia Latifolia.....	25	Pinus Nigra Austrica..	2
Acacia Fragrans.....	25	Pinus Larico Calehaca.....	2
Acacia Mellissima.....	10	Pinus Mites.....	2

TO THE LICK OBSERVATORY—*Concluded.*

Pinus Torrayana.....	1	Pinus Maritima.....	6
Pinus Sabiana.....	1	Pinus Maricata.....	4
Pinus Walepensis.....	6	Pinus Pinea.....	2
Pinus Labaretana.....	1	Pinus Coulterii.....	2
Pinus Larico.....	1	Pinus Monticola.....	1
Pinus Insignis.....	6	Pinus Stone pine.....	2

TO THE CLIMATIZATION SOCIETY OF NEW ZEALAND.

500 pounds Grass Roots.

TO THE PUBLIC SQUARES.

Acacias.....	40	Beets Chilenians ...	10
Eucalyptus	30	Leucanthemum.....	4
Dracæna Australis.....	40	Thyme, golden.....	400
Stevia.....	10	Scabious, mixed.....	12
Broom	70	Aloysia citriodora.....	1
Salvia splendens.....	40	Pittosporum Eugeneoides.....	1
Veronicas, mixed.....	24	Eucalyptus, red gum.....	2
Portugal laurel.....	6	Tagetes perennial.....	20
Pittosporum nigrum.....	12	Cenathera.....	12
Pittosporum Eugeneoides.....	12	Salvia, splendens.....	12
Pittosporum, small.....	41	Lonicera.....	12
Pittosporum nigrum.....	7	Salvia, mixed.....	20
Cuppressus mac.....	6	Myrtus.....	25
Tree box.....	12	Diosnia.....	8
Buddleia globosa.....	6	Geraniums.....	50
Ceanothus Africana.....	6	Geraniums Mad. Sallorii.....	25
Dracæna Australis.....	20	Dahlias.....	25
Nicotiana.....	12	Begonias.....	25
Leanothus leonurus.....	10	Cobea scandens	6
Tritonia... ..	1	Recinus major.....	6
Hydrangea.....	25	Genista.....	4
Hypericum.....	20	Hibiscus.....	4
Goodia latifolia	10	Sweet alyssum.....	80
Alternanthera.....	600	Gnaphalium.....	100
Passiflora, blue.....	6	Acacia.....	8
Tacsonia, pink.....	10	Lobelia splendens.....	50
Tropæalum.....	6	Lobelia cardinalis.....	6
Mandevillea suaveolens.....	6	Dracæna Australis.....	10
Coleus Verschafeltii	12	Palms	2

All of which is respectfully submitted.

V. V. BLOCH, Secretary.

TREES, PLANTS, SHRUBS, ETC.

TREES AND SHRUBS PLANTED DURING YEAR 1892-93.

Abies Pumila.....	1	Ceanothus Africanus	102
Abies Morinda	6	Ceanothus Californica	80
Abies Pyramidalis.....	1	Canna	50
Abies Alba	2	Corynocarpus Ovatum.....	2
Abies Douglassii	21	Cedrus Atlantica	50
Abies Pinsapo.....	50	Chamoerops Excelsa	21
Abies Excelsa.....	72	Corcís Siliguastrum.....	3
Abies Funia.....	113	Cedrus Argentinia.....	6
Abies Nigra.....	2	Cistus Landaniferous Maculata.	12
Acacia Lophantha.....	1,860	Cistus Salvifolius.....	32
Acacia Fragrans.....	1,190	Cistus Floribunda.....	12
Acacia Dealbata.....	30	Cistus Rosea.....	6
Acacia Armata	20	Cistus Alba	6
Acacia Latifolia	680	Clanthus Punicens	12
Acacia Melanoxylon.....	30	Coprosma Robusta	4
Acacia Mollissima.....	200	Cobos Australis.....	4
Acacia Verticillata	85	Chamaerops Humilis.....	1
Acer Polymorphum.....	3	Cornus.....	12
Acer Weirii Laciniata.....	3	Cratageous Pendula	3
Acer Pseudo Platanoides.....	43	Cuppressus Argentea	6
Acer Schuedlerii	13	Cuppressus Braziliensis.....	3
Araucaria Excelsa.....	2	Cuppressus Guadalupensis.....	3
Arbutus Unedo.....	1	Cuppressus Goveniana.....	3
Æsculus Hippocastanum.....	2	Cuppressus McNabiana	2
Æsculus Rubicunda	4	Cuppressus Macrocarpa	6,334
Alianthus Glandulosa.....	1	Cuppressus Sempervirens.....	1
Althea.....	1	Cuppressus Lawson	95
Berberis Japonica.....	10	Cunninghamii Sinensis.....	2
Berberis Thumbergii.....	1	Cryptomeria Araucaria ...	3
Betula Alba	1	Dracæna Australis.....	6
Betula Pendula Laciniata.....	2	Deeringia.....	34
Buddleia Globosa.....	193	Damaria	2
Buxus Sempervirens.....	107	Erica Arborea.....	20
Bambusa Nigra.....	9	Erica alba.....	75
Bambusa Violascens.....	62	Enonymus Japonica.....	12
Bambusa Simonii.....	17	Eucalyptus, variegata.....	186
Bambusa Aurea	7	Eucalyptus Stewartiana.....	80
Caragana Arborescens.....	2	Fabiana Imbricata.....	20
Cassia Floribunda.....	150	Fraxinus ornus.....	1
Catalpa Aurea.....	2	Fraxinus excelsior pendula....	3
Catalpa Kampferi.....	1	Fuchsias, variegata.....	320

TREES AND SHRUBS PLANTED—*Continued.*

Genista alba.....	1350	Pinus murrayana..	34
Genista tinctoria.....	200	Pinus maritima.....	404
Genista scoparius.....	8870	Pinus Pinaster.....	38
Gynerium argenteum.....	54	Pinus ponderosa.....	12
Hedera felix.....	139	Pinus pinea.....	72
Hydrangea.....	25	Pinus Sabiniana..	74
Ilex atrovirens.....	3	Pinus sylvestris.....	126
Ilex aquifolium marginata alba	3	Pinus strobus.....	3
Ilex aquifolium.....	2	Pinus Torreyana.....	2
Isocroma Tubulosa.....	6	Pinus taeda.....	1
Larix Europea.....	126	Pinus Tuberculata.....	10
Laurus Camphora.....	4	Pinus rubra.....	2
Laurus Lusitanica.....	68	Pittosporum Eugeneoides.....	123
Libocedrus Ducurrens.....	2	Pittosporum nigrum.....	7
Leptospermum Ericifolia.....	230	Pittosporum crassifolium.....	3
Leptospermum Lavigatum....	27,467	Pittosporum Tobira.....	4
Ligustrum Japonicum.....	35	Polygala Dalmaisiana.....	200
Magnolia grandiflora.....	16	Populus Fastigiata.....	1
Morus pendula.....	3	Planera Japonica.....	4
Myrtus latifolia.....	140	Quercus suberosa.....	8
Myrtus communis.....	30	Quercus aquatica.....	1
Nymphaea odorata.....	80	Rhododendron variegata.....	117
Nymphaea rosea.....	40	Robinia.....	1
Nelumbium speciosum.....	60	Roses—	
Nandina domestica.....	2	Marie Van Houtte.....	60
Olea.....	3	Gloire de Margotten.....	28
Olea Regalis.....	1	C. Mermets.....	20
Olea Nevadillo Blanc.....	6	Gloire de Dijon.....	5
Pawlonia Imperialis.....	1	Vicomtesse Folkstone.....	6
Picea amabilis.....	25	Capt. Christie.....	20
Picea grandis.....	8	Bride.....	20
Pancratium album.....	680	La France.....	208
Pinus Coulterii.....	18	Marie Rady.....	100
Pinus Austriaca.....	27	La Marque.....	30
Pinus nigra.....	18	Reine Marie Henriette....	50
Pinus excelsa.....	20	Her Majesty.....	6
Pinus Halipensis.....	48	Rainbow.....	9
Pinus Jeffreyi.....	3	Golden Gate Park.....	224
Pinus Laricio.....	4	Papa Gontier.....	50
Pinus Hamiltonii.....	48	Boule de Neige.....	310
Pinus Insignis.....	1833	Queen of Wootenberg.....	6
Pinus Lambertiana.....	15	Eliza Savage.....	12
Pinus Longifolia.....	6	Salisburia adiantifolia.....	6
Pinus Laricio Calabrica.....	10	Sequoia gigantea.....	4
Pinus Mugho.....	3	Sequoia sempervirens.....	26
Pinus muricata.....	461	Spartum junceum.....	1,898
Pinus mitis.....	8	Sophora Japonica.....	5
Pinus massoniana.....	23	Thuja gigantea.....	13

TREES AND SHRUBS PLANTED—*Concluded.*

Thuja tatarica.....	6	Tilia Europea.....	1
Tilia Europea.....	1	Ulmus suberosa.....	12
Tilia dasystyla.....	5	Ulmus Scotch.....	15
Tilia crimson-tinged.....	1	Ulmus wheatleyii.....	8
Taxus erecta stricta.....	44	Ulmus purpurens.....	6
Taxus pyramidalis.....	37	Ulmus variegata argentea.....	3
Taxus adpressa stricta.....	7	Ulmus Americana.....	26
Taxus aurea.....	63	Viburnum lucidum.....	12
Taxus cheshuntensis.....	8	Veronica.....	430
Taxus Washingtonia.....	14	Veronica Andersona.....	50
Cepholotaxus fortunea.....	7	Yucca.....	30
Taxus Fastigiata.....	5		
Thuja gigantea.....	13	Total.....	60,322
Thuja tatarica.....	6		

MISCELLANEOUS FLOWERING AND ORNAMENTAL-LEAVED PLANTS

PLANTED DURING YEAR 1892-93.

Aquilegia chrysantha.....	590	Cineraria hybrida.....	100
Aquilegia, choice seedlings.....	200	Cyclamen persicum.....	20
Agapanthus umbelatus.....	2	Campanula, double blue.....	200
Alonsoa grandiflora alba.....	500	Campanula, single.....	100
Alonsia, white.....	600	Campanula, double rose.....	150
Asters.....	600	Campanula, single rose.....	150
Auriculus.....	145	Campanula, double white.....	200
Armeria.....	200	Campanula, single white.....	300
Alyssum Wiesbackii.....	560	Campanula, single lilac.....	200
Achyranthus Lindenii.....	2,200	Campanula, calycanthema mix.....	200
Achyranthus Verschaffeltii.....	3,200	Dahlias.....	600
Achyranthus bicolor.....	600	Dahlias, choice varieties.....	300
Achyranthus Collinsii.....	1,550	Delphinium cardiopetalum.....	150
Alternanthera aureanana.....	14,450	Dianthus barbatus.....	400
Alternanthera versicolor.....	12,300	Fuchsias.....	120
Alternanthera parychoides.....	2,130	Geum.....	400
Alternanthera aurea.....	875	Geraniums, mixed.....	2,475
Alternanthera amabilis.....	2,190	Geraniums, choice varieties.....	500
Buddleia globosa.....	50	Gypsophyla elegans alba.....	40
Begonia bulbos.....	40	Heliotrope.....	180
Canna, Mde. Crozy.....	9	Hesperis candidissima.....	400
Canna, Alphonse Bouviere.....	7	Helianthus.....	320
Coreopsis tinctoria.....	360	Iberis coronaria.....	570
Cuphea platycertra.....	120	Lobelia magnifica.....	600
Chrysanthemums.....	800	Lobelia speciosa.....	2,400
Centauria candidissima.....	106	Liptosysne maritima.....	520
Centauria gymnocarpa.....	120	Mesembryanthemum spectabilis.....	200
Cheiranthus cheire.....	700	Mesembryanthemum, cord. var.....	1,700

FLOWERING AND ORNAMENTAL PLANTS PLANTED—*Concluded.*

Myosotis alpestris	124	Pyrethrum Florentine..	3
Myosotis.....	2,000	Pyrethrum Mde. Boucharlet....	4
Nigelia Fimbricata		Pyrethrum golden feather.....	250
Oxalis Rosea.....	1,000	Phlox Drummondii	120
Petunia.....	580	Salvia splendens.....	1,250
Pansies, choice varieties.....	300	Salvia Hoemanii.....	350
Pelargoniums, choice varieties..	500	Salvia Hermanii.....	200
Penstemon Centrauthus.....	400	Salvia globosa.....	750
Penstemon Hybrida.....	300	Stocks	1,640
Pyrethrum aurea	1,600	Spergula	50,000
Pyrethrum ne plus ultra.....	5	Spiria Japonica.....	12
Pyrethrum Capt. Naves.....	5	Thyme silver.....	14,800
Pyrethrum Fimbricatum ple-		Tacsonia princeps.....	25
num	4	Verbena.....	480
Pyrethrum Boccace.....	5		
Pyrethrum Mont Blanc.....	5	Total.....	135,411

BULBS PLANTED DURING YEAR 1892-93.

Monbretias	150	Liliums.....	200
Narcissus in variety.....	275	Tulips	150
Gladiolus, var	300	Tigridia grandiflora.....	200
Hyacinths.....	100		

VINES PLANTED DURING YEAR 1892-93.

Lonicera chamæcerasus alba...	60	Tacsonia.....	30
Mina lobata..	6		

PALMS PLANTED DURING YEAR 1892-93.

Brahea filamentosa.....	22	Phcenix reclinata.....	7
Chamærops excelsa.....	6	Pritchardia filifera	23

GRASSES PLANTED DURING YEAR 1892-93.

Dracæna Australis	73	Bambusa metak.....	1
Dracæna nutans.....	34	Bambusa variegata	4
Bambusa viridis striata.....	2		

HERBACEOUS PLANTS TRANSPLANTED DURING YEAR 1892-93.

Anemons Japonica.....	700	Penstemons.....	200
Anemons Elegans.....	150	Shirley poppy.....	200
Aquilegia suberica	700	Selene compacta.....	600
Callendula officinalis.....	2,450	Selene Snow King.....	200
Crassula coccinea.....	400	Selene double pink.....	200
Ceneraria hybrida.....	800	Selene pseudo atocion.....	570
Canna.....	16	Selene pendula	200
Chrysanthemums.....	600	Viola cornuta.....	2,250
Dahlias.....	750	Viola cornuta alba.....	150
Geranuims.....	200	Viola Lutea grandiflora.....	150
Lobelia cardinalis.....	50	Violets.....	2,000
Myosotis palustris.....	3000	Vinca... ..	1,800
Monthetia.....	250		
Polyanthus primrose.....	500	Total.....	20,766
Pansies.....	1,380		

VINES TRANSPLANTED.

Hidera Helix.....	3,800
-------------------	-------

TREE FERNS TRANSPLANTED,

450.

GRASSES TRANSPLANTED.

Arundo Donax	12	Eulalia Japonica.....	12
Bambusa in variety	12	Gyneruim Argenteum.....	25
Dacaena Australis	20	Phormium Tenax.....	20
Dacaena Nutans.....	10		

SHRUBS TRANSPLANTED DURING YEAR 1892-93.

Acula Japonica.....	12	Enonymus Radicans.....	75
Abutilon in var.....	60	Enonymus Japonica :.....	56
Buxus.....	8	Enonymus latifolia.....	5
Clianthus puniceris.....	4	Eelagmus augustifolia.....	2
Cupressus Lawsoniana.....	70	Escalonia Montividiensis.....	13
Coprosma Baueriana.....	3	Escalonia rosea.....	12
Ceanothus Africana.....	136	Eugenia myrtifolia.....	6
Cytissus Laburnum.....	15	Entelea arborescens.....	3
Dentzia crenata flora pleno	67	Godetia Latifolia.....	10
Darwinia citriodora.....	6	Habrothamnus Elegans.....	60
Deeringea Celosiaoides.....	5	Habrothamnus Coccina.....	36
Diosma alba.....	15	Hydrangea Hortensia.....	37
Erica Mediterranea.....	62	Hypericum Petelum.....	21

SHRUBS TRANSPLANTED—*Concluded.*

Isocroma Tubulosa	6	Rhododendron Catawbiense....	30
Laurus cerasus	30	Raphiolepis Indica	2
Laurus Tinus	50	Roses in variety	150
Laburnum aurea	21	Tristania Conferta	3
Myrtus Communis	38	Veronica Andersonii	15
Maitenas Chilensis	8	Veronica	20
Petuk	17	Veronica salicifolia	60
Philadelphus coronarius	20	Veronica Duf. blue	55
Pittosporum nigrum	143	Viburnum Lucidum	23
Pittosporum Eugeneoides	78	Viburnum Tinus	7
Pittosporum undulatum	23	Wigelia Rosea	18
Phillyrera latifolia	16		
Pittosporum Tobira variegata	3	Total	1,635

TREES AND SHRUBS IN PARK NURSERY, JUNE 30, 1893.

Acacia armata	212	Abies balsamea	13
Acacia aulococarpa	33	Abies concolor	25
Acacia cyanophylla	20	Abies excelsa	5
Acacia carnegiana	7	Abies grandis	6
Acacia coccinia	40	Abies litchensis	65
Acacia capensis	16	Abies Mertensiana	4
Acacia calamistrata	91	Abies magnifica	5
Acacia cuneata	23	Abies nobilis	863
Acacia decurrens	13	Abies nigra	78
Acacia dealbata	15	Abutilon dark maroon	7
Acacia discolor	12	Abutilon emperor	2
Acacia fragrans	7,500	Abutilon mixed	64
Acacia florabunda	1	Abutilon pink queen	27
Acacia horrida	6	Abutilon rubra	270
Acacia juniperina	15	Abutilon Thompsoni variegata	155
Acacia latifolia	9,710	Abutilon streatum	53
Acacia longifolia	45	Abutilon boule de neige	23
Acacia lophantha	1,500	Abutilon aurea	168
Acacia mollissima	3,125	Abutilon vexillaria	26
Acacia melanoxylon	4,800	Æculus flava	3
Acacia myrtifolia	1	Æculus glabra	3
Acacia nema	40	Æculus hippocastanium	64
Acacia pycnantha	39	Æculus Japonica	2
Acacia Persiana	300	Acer pseudo platanoides	10
Acacia fastigiata	50	Acer glaucum	6
Acacia stenophylla	2	Acer macrophyllum	11
Acacia salicina	32	Agave Americanas	50
Acacia linifolia	1	Agave Americanas variegata	15
Acacia verticillata	4,205	Agave densiflora	15
Abies alba	78	Agave dealbata	8
Abies amabilis	20	Agave ferox	25

TREES AND SHRUBS IN PARK NURSERY—*Continued.*

Agave hetrachanthæ.....	3	Celtis Cordata.....	66
Agave lophanta.....	18	Celtis Australis.....	87
Agave salminiana.....	24	Cupressus Lawsoniana.....	2,860
Agave variegata.....	20	Cupressus Lavægatum.....	10,000
Araucaria bidwellii.....	1	Cupressus Macrocarpa.....	3,500
Araucaria excelsa.....	14	Cupressus governiana.....	501
Auracaria imbricata.....	6	Cupressus Guadelupensis.....	810
Amorpha fruticosa.....	560	Cupressus Braziliensis.....	86
Ailanthus glandulosa.....	12	Cupressus Macnabiana.....	16
Ardisia crenulata.....	50	Cupressus Ericifolia.....	2,000
Ackania Malvaviscus.....	500	Cistus alba.....	50
Ayssa Aquatica.....	2	Cistus Ladaniferus maculata ..	300
Acubea Japonica.....	100	Cistus Rosea.....	10
Arbutus Menziesii.....	40	Cistus salviafolia.....	120
Arbutus unedo.....	34	Ceanothus Africanus.....	250
Bronsonetia Popyrifera.....	4	Ceanothus Africanus variegata ..	850
Betula alba.....	50	Ceanothus Prostrata.....	20
Buxus Sempervirens.....	750	Clanthus puniscens.....	1,080
Buddleia Globosa.....	100	Cotoneaster Buxifolia.....	546
Berberis Thunbergia.....	7	Cotoneaster Macrophylla.....	21
Berberis Lycium.....	26	Casuarina Torulosa.....	4
Bahinia purpurea.....	2	Casuarina Dictyla.....	2
Benthamia Frangifera.....	300	Casuarina muricata.....	4
Brugmansia suaveolens.....	3	Cedronella.....	1
Cytissus Arizona.....	1	Cryptomeria Japonica.....	228
Cytissus Bullatus.....	130	Ceratona Siliqua.....	12
Cytissus Capitatus.....	30	Crassula Coccinea.....	600
Cytissus Canariensis.....	1	Caprosma Bacereana variegata ..	75
Cytissus Californica.....	1	Caprosma Robusta.....	50
Cytissus Citron.....	1	Casuarina Quadravalus.....	100
Cytissus Elongatus.....	200	Corynocarpus Lavigatus.....	20
Cytissus Eldorado.....	1	Calycanthus Florida.....	9
Cytissus Golden Gate.....	1	Colutea Cruenata.....	120
Cytissus Spinosa.....	400	Colutea glauca.....	4
Cytissus Globberata.....	118	Carum Cari.....	12
Cytissus Hersuta.....	400	Callicoma Serratifolia.....	19
Cytissus Lemonii.....	1	Calystemon Lanceolata	240
Cytissus Laburnum.....	243	Calystemon Lineari.....	25
Cytissus Nigricans.....	14	Cafimus Indicas.....	2
Cytissus Eriole.....	1	Cestrum Auranticum	50
Cytissus Purpurea.....	130	Catalpa Speciosa	32
Cytissus prinrose.....	1	Castanae Americana.....	8
Cytissus Quercifolius.....	140	Cercis Siliquustrum.....	50
Cytissus Sessilifolius.....	145	Cornus Florida.....	16
Cytissus sunshine.....	1	Cornus Siberica spathii	6
Cytissus Triflorus.....	170	Cornus Pubescens	10
Cedrus Atlantica.....	68	Colahonia vistata	42
Cedrus Deodora.....	93	Cassia Corymbosa.....	50

TREES AND SHRUBS IN PARK NURSERY—*Continued.*

Crataegus Exyacantha	48	Eucalyptus Fissilis.....	40
Dracaena Australis.....	2,400	Eucalaptus gigantea.....	30
Dracaena Nutans.....	75	Eucalyptus Hemiphloia.....	2
Deutzia canescens.....	60	Eucalyptus Haemastima....	12
Deutzia crenata flora pleno	750	Eucalyptus Leptopleba.....	62
Deutzia gracilis	240	Eucalyptus Longifolia.....	35
Deutzia Fortunii	100	Eucalyptus Lencoxylon.....	20
Diosma aurora	20	Eucalyptus Melliodora.....	18
Diosma a'ba.....	175	Eucalyptus Macrocarpa.....	22
Diosma ericifolia.....	210	Eucalyptus macroshyncha....	12
Diosma purpurea.....	100	Eucalyptus Mulleri.....	2
Derringeia calosioides.....	15	Eucalyptus megacarpa.....	20
Deeringea calosioides variegata	12	Eucalyptus maculata.....	24
Diplopappas Chrysophilla.....	125	Eucalyptus obliqua.....	10
Datura Arborea.....	100	Eucalyptus occidentalis.....	8
Dioscorea Batata	4	Eucalyptus polyanthemos	40
Daphne Indica var.....	10	Fabiana Imbricata.....	15
Erica, Cape species.....	145	Fraxinus Acuminata.....	5
Erica arborea.....	44	Fraxinus Platycarpa.....	45
Erica Merlo.....	2	Fraxinus Oregonia.....	37
Erica Mediterranea.....	480	Frenelo Robusta.....	100
Eleagnus Augustifolia.....	33	Frenella Muellerii.....	18
Escallonia Phillipeana.....	6	Genista alba.....	7,350
Escallonia Rubra.....	6	Genista candicans.....	545
Eupatorium Dishii.....	50	Genista Linifolia.....	20
Eupatorium Pinatum.....	30	Genista Tinctoria.....	18,210
Exacum Indica.....	50	Grevillea Hillii.....	9
Erythrina Caffra.....	5	Grevillea Robusta.....	7
Eucalyptus cardata.....	25	Ginko Biloba.....	5
Eucalyptus citriodora.....	12	Guevina Avellana.....	2
Eucalyptus cineria	24	Gentiana acaulis.....	20
Eucalyptus cosmophylla.....	13	Gentiana crinata.....	4
Eucalyptus carymbosa.....	30	Globularia Salicina	2
Eucalyptus colossea.....	2	Goodia Latifolia.....	100
Eucalyptus concolor.....	8	Habrothamnus Coccinea.....	545
Eucalyptus calophylla.....	5	Habrothamnus Elegans.....	620
Eucalyptus caccibera.....	31	Hibiscus Annual white.....	12
Eucalyptus Eximia.....	1	Hibiscus Macrophyllus.....	60
Eucalyptus Exserta.....	6	Hibiscus Mantablis.....	30
Eucalyptus Eugeneoides.....	32	Hibiscus Rosea grandiflora....	2
Eucalyptus piperita.....	75	Hibiscus Reeveri.....	40
Eucalyptus polyanthema.....	130	Hibiscus Splendens.....	8
Eucalyptus pilularis.....	14	Hardenbergia Alba.....	18
Eucalpatus Radiata.....	12	Hardenbergia Monophylla....	2
Eucalyptus Saligna.....	20	Hypericum Calycinum.....	600
Eucalyptus Foeld Bay.....	3	Hypericum Moserianum.....	2
Eucalyptus Floribunda.....	8	Heinia grandiflora	200
Eucalyptus globulus.....	20	Indigofera Australis	82

TREES AND SHRUBS IN PARK NURSERY—*Continued.*

<i>Ilex aquifolia</i>	3	<i>Nierembergia gracilis</i>	550
<i>Inga Pulcherrima</i>	2	<i>Olearia Illicifolia</i>	1
<i>Isochroma Coccinea</i>	22	<i>Olia Sativa</i>	1,025
<i>Isochroma Tubulosa</i>	50	Orange trees.....	20
<i>Juniperus communis</i>	9	<i>Oleander</i>	210
<i>Juniperus compacta</i>	266	<i>Pinus Albicoulis</i>	20
<i>Juniperus Drupacea</i>	5	<i>Pinus Austriaca</i>	80
<i>Juniperus Fragens</i>	7	<i>Pinus Bermudiana</i>	12
<i>Juniperus Hibernica</i>	4	<i>Pinus contorta</i>	12
<i>Juniperus mixed</i>	650	<i>Pinus canariensis</i>	5
<i>Juniperus prostrata</i>	550	<i>Pinus Coulterii</i>	154
<i>Juniperus prostrata variegata</i> ..	51	<i>Pinus excelsa</i>	114
<i>Juniperus Pendula irridis</i>	9	<i>Pinus Fremontiana</i>	6
<i>Juniperus Virginiana</i>	16	<i>Pinus Insignis</i>	4,450
<i>Jasminum Fruticosum</i>	43	<i>Pinus Jefferyi</i>	112
<i>Jasminum Alba</i>	38	<i>Pinus Halepensis</i>	1,010
<i>Jacaranda Memosafolia</i>	8	<i>Pinus Lambertiana</i>	15
<i>Kerria Japonica</i>	7	<i>Pinus Mugho</i>	32
<i>Kolreuteria Paniculata</i>	105	<i>Pinus Murrayana</i>	245
<i>Kennedyia Comptoniana</i>	1	<i>Pinus Maritima</i>	10,520
<i>Leptospermum Ericifolia</i>	3,060	<i>Pinus Monticola</i>	13
<i>Leptospermum Lavigatum</i>	21,660	<i>Pinus Muricata</i>	204
<i>Leptospermum Scoparia</i>	6	<i>Pinus Parryana</i>	14
<i>Libonia Floribunda</i>	450	<i>Pinus pinea</i>	41
<i>Laurus Camphorea</i>	18	<i>Pinus ponderosa</i>	78
<i>Laurus Lusitanica</i>	66	<i>Pinus rubra</i>	56
<i>Laurus Nobilis</i>	22	<i>Pinus strobus</i>	509
<i>Libocedrus Decurrens</i>	4	<i>Pinus sabiniana</i>	81
<i>Lycium Parvifolium</i>	9	<i>Pinus sylvestris</i>	145
<i>Leonotis Lonarua</i>	25	<i>Pinus tubercula</i>	11
<i>Loquat medulis Japonica</i>	10	<i>Pinus Torreyana</i>	120
<i>Leriodendron Tulipifolia</i>	23	<i>Pinus longifolia</i>	3
<i>Ligustrum Japonicum</i>	248	<i>Philadelphus coronarius</i>	664
<i>Lemon Seedlings</i>	29	<i>Philadelphus montana</i>	50
<i>Liatris Pyenostachya</i>	8	<i>Picea bracteata</i>	12
<i>Lonicera paniculata</i>	17	<i>Picea concolor</i>	56
<i>Lavateria arborea</i>	150	<i>Picea Nordmanniana</i>	52
<i>Menziesia</i>	9	<i>Picea nobilis</i>	90
<i>Morus alba</i>	26	<i>Picea pinsapo</i>	285
<i>Myoporum luteum</i>	10	<i>Picea pectinata taxifolia</i>	23
<i>Melia Azedarach</i>	50	<i>Picea sub alpina</i>	100
<i>Melaleuca Hypericifolia</i>	150	<i>Pittosporum crassifolia</i>	124
<i>Menziesia Floribunda</i>	60	<i>Pittosporum buehananii</i>	5
<i>Myrica Californicus</i>	6	<i>Pittosporum eugeneoides</i>	276
<i>Murraya Exotica</i>	2	<i>Pittosporum nigrum</i>	1,112
<i>Myoporum maculata</i>	100	<i>Pittosporum tobira</i>	70
<i>Magnolia grandiflora</i> , 12 ft. high	25	<i>Pittosporum tobira var.</i>	32
<i>Magnolia small</i> , 4 feet high....	247	<i>Pittosporum undulatum</i>	32

TREES AND SHRUBS IN PARK NURSERY—*Continued.*

Polygala speciosa.....	101	Rhododendrons—	
Polygala Dalmasiana.....	100	Athens.....	1
Pavonia nastata.....	18	aurora.....	1
Prostranthera elegans.....	1	barbatum.....	5
Personia lanceolata.....	5	blandfordaflorum.....	6
Personia lenearis.....	5	blandyanum.....	1
Pimelia rosea.....	38	calophyllum.....	7
Plumbago capensis.....	75	Countess of Safton.....	1
Plumbago laupensis.....	25	Corejio.....	1
Platanus racemosus.....	14	Duchess of Edinburgh.....	1
Phelalium dentatum.....	1	Duchess of Teck.....	1
Prunus padus.....	12	Duchess of Connaught.....	1
Prunus aquifolium.....	6,000	Diana.....	1
Photenia arbutifolia.....	35	fulgaris.....	5
Ptelia trifoliata.....	40	Falconerii.....	6
Personia salicifolius.....	1	Grenadier.....	1
Powaderois serviginea.....	2	Grande.....	6
Phlogucanthus thrysifolius.....	13	Hodgsonii.....	6
Pawlonia imperialis.....	10	Himalicum.....	6
Quercus cuspidata.....	5	Jansoni.....	8
Quercus dentata.....	4	Jin kinsii.....	6
Quercus densiflora.....	213	mignum.....	2
Quercus macrocarpa.....	15	niliricum.....	5
Quercus Montana.....	6	occidentalis.....	52
Quercus oliveformis.....	16	Princess Alexandra.....	1
Quercus palustris.....	14	Queen of dwarfs.....	1
Quercus rubra.....	89	Rosaline.....	1
Rhamnus integrifolius.....	5	Park Peach.....	1
Rhamnus infricus.....	2	Sabiana.....	2
Rhamnus alpinus.....	47	Thompsonii.....	2
Rhamnus catharticus.....	12	Wightii.....	4
Rhamnus Californica.....	300	Hobbanum bicolor.....	1
Rhamnus frangula.....	40	Thibanaense.....	4
Rhamnus Purshiana.....	15	Emblem.....	1
Rhamnus Coulteri.....	10	Zeylanicum.....	7
Ricinus Gibsonii.....	22	white.....	36
Ricinus glaucus.....	4	Catawbiense.....	90
Ricinus pulcherrima.....	18	Solanum cilatum macrocarpum.....	42
Ricinus purpurea.....	5	Solanum capsicastrum.....	196
Ribes alpinum.....	2	Solanum giganteum.....	58
Rhaphiolepis ovata.....	50	Solanum Hæmalocarpum.....	42
Ruscus aculiatus.....	150	Solanum lanceolatum.....	50
Rohentia paniculata.....	10	Solanum macrocarpa.....	15
Rosea Rubiginosa.....	25	Solanum robustum.....	100
Rhododendrons—		Solanum jasminoides.....	22
Andersonii.....	6	Spirea billardia.....	4
aragonizum.....	5	Spirea prunefolia.....	6
albicons.....	1	Spirea palmata.....	11

TREES AND SHRUBS IN PARK NURSERY—*Concluded.*

Sequoia gigantea.....	280	Tristania conferta.....	3
Sequoia sempervirens.....	185	Taricophis spectabilis.....	3
Salix aurora.....	10	Templetonia rutusa.....	5
Salix Babylonica.....	24	Thalickim Folioloseim.....	15
Sterula Lurida.....	7	Ulmus saberosa.....	3
Sterula ocerifolius.....	5	Ulex Europea.....	30
Schotia latifolia.....	2	Vinca Niva.....	1
Schotia tamarindifolia.....	1	Viburnum lucidum.....	16
Steria serata.....	400	Viburnum opulus.....	45
Sollya Hetrophylla.....	29	Viburnum tinus.....	60
Swainsonia alba.....	25	Veronica Andersonii.....	90
Schinus molle.....	730	Veronica arborea.....	100
Syringa flor pleno Lemoinii...	2	Veronica carnea.....	60
Syringa vulgaris.....	89	Veronica Dwarf blue.....	520
Sterculia acerifolia.....	1	Veronica Discussata.....	300
Staphylla pinnata.....	25	Veronica Decumbens.....	10
Sicad verticilata.....	10	Veronica Eliptica.....	320
Salisburia adiantifolia.....	3	Veronica paniculata.....	48
Sarubucus aurea.....	15	Veronica parviflora.....	300
Syncarpia laurifolia.....	32	Veronica small white.....	250
Spartinum junceum.....	124	Veronica sallicifolia.....	250
Thuja gigantea.....	3	Veronica variegata.....	104
Thuja occidentalis.....	58	Weigelia rosea.....	120
Thuja orientalis.....	5	Xylomoltum pyreforma.....	2
Thuja pendula.....	1	Yucca aloesifolia.....	1
Thuja Tartarica.....	45	Yucca Filamentosa.....	300
Thuyopsis Dolibrata.....	90	Yucca Filamentosa var.....	42
Taxus Baccata.....	36	Yucca Whippleyii.....	490
Taxus cuspidata.....	3	Yucca mixed.....	1,368
Tencrium canadense.....	20		
Taxodium Distichum.....	24	Total.....	165,592

FLOWERING PLANTS IN NURSERY, JUNE 30, 1893.

Amaryllis.....	425	Begonia tuberous single.....	196
Aquilegia coerulea.....	30	Chrysanthemum.....	80
Arabis.....	70	Chrysanthemum carnata.....	150
Agrostema.....	200	Cleome.....	4
Anterhenium.....	150	Calliopsis mixed.....	250
Alonsoa red.....	80	Commelina coelestris.....	9
Argeratum dwarf blue.....	672	Calendula.....	130
Amaranthus tricolor.....	30	Cosmos mixed.....	600
Bouvardia double white.....	6	Carnation.....	300
Bouvardia Belaparous.....	1	Canna, mix.....	67
Begonia Fuschsoides.....	480	Coleus Verschafeldtii.....	320
Begonia Rubra.....	18	Calystachus Lanceolata.....	20
Begonia tu ^h erous double.....	41	Calliandra Californica.....	12

FLOWERING PLANTS IN NURSERY—*Continued.*

Dianthus mix.....	920	Geranium Bronze.....	250
Dahlias mix.....	200	Geranium Crystal Palace.....	30
Echium stricta.....	80	Geranium Circle of Gold.....	33
Echium argenteum.....	25	Geranium Double Dwarf pink..	30
Echeveria.....	100	Geranium Double white.....	80
Fuchsias Baby.....	80	Geranium Happy Thought.....	32
Fuchsias Benlo.....	9	Geranium Mount of Snow.....	125
Fuchsias Buffan.....	6	Geranium Mrs. Pollock.....	32
Fuchsias Carolina.....	200	Geranium Oak Leaf.....	150
Fuchsias double mixed.....	80	Geranium Pink single.....	162
Fuchsias red.....	120	Geranium Rose.....	36
Fuchsias Duke of Albany.....	6	Geranium Sollarii.....	400
Fuchsias Dessle	4	Geranium Salmon single.....	60
Fuchsias Emerald.....	50	Geranium Scarlet single.....	240
Fuchsias Erecta compacta....	7	Geranium Ivy Pink.....	450
Fuchsias E. G. Hill.....	7	Hydrangea large pink.....	500
Fuchsias fine mixed.....	100	Hydrangea var.....	150
Fuchsias Gen. Lee.....	60	Helianthus miniature.....	750
Fuchsias Isabella.....	80	Helianthus grandiflora.....	1
Fuchsias Janena.....	9	Heliopsis Pitcheriana....	6
Fuchsias Jupiter.....	8	Helicryshum mix.....	350
Fuchsias Kate Hays.....	35	Hollyhocks	24
Fuchsias Lettie.....	10	Heliotrope	200
Fuchsias Ludoman's Esmarald.	50	Iberis Alba.....	600
Fuchsias M. Lawbrosa.....	6	Kalmachae Carneae.....	18
Fuchsias M. Jaule.....	10	Lychnis.....	50
Fuchsias Molesworth.....	12	Lobelia dwarf, blue.....	50
Fuchsias Mons. Lebault.....	8	Lobelia splendens.....	13
Fuchsias mixed.....	120	Lobelia cardinalis.....	40
Fuchsias Monarch.....	4	Lantana mix.....	306
Fuchsias President Grant.....	10	Linaria versugata....	100
Fuchsias Phenomenal	18	Leptosyne maritima.....	220
Fuchsias Procumbens.....	200	Mahemia Odorata.....	150
Fuchsias Rose of Castile.....	50	Mess. Crystallinum.....	25
Fuchsias Rosarie Patrice.....	4	Mesembryanthemum mix.....	3,000
Fuchsias Snow white.....	4	Marguerite white.....	2,000
Fuchsias Sunray.....	80	Marguerite yellow.....	1,500
Fuchsias Single light red.....	200	Marguerite blue.....	500
Fuchsias variegata.....	472	Nicotina affinis, white.....	200
Fuchsias yellow.....	100	Oxalis mixed.....	600
Fuchsias mix.....	100	Ænothera Lamarkiana.....	300
Godetia.....	900	Pyrethrum Aurora.....	600
Gaillardia Double.....	110	Pyrethrum Ulixonosum.....	12
Gaillardia aurora.....	10	Poppy Double, white.....	1,000
Gaillardia Hybrid.....	35	Poppy Shirley.....	1,000
Gaillardia Hybrid new.....	80	Poppy Oriental.....	140
Gnaphalium Lanatum.....	250	Pancratium Maritima.....	24
Gomphrena.....	30	Pelargoniums mix.....	550

FLOWERING PLANTS IN NURSERY—*Concluded.*

Penstemon spectabilis.....	550	Sedum large.....	60
Petunia single, mix.....	35	Tritonia	5
Tropaeolum Labianum.....	17	Thyme white.....	400
Santolino	100	Thyme golden.....	3,200
Salva mix.....	400	Tagates mix.....	600
Spraguea Umbelata.....	40	Verbena mix.....	50
Scabiosa mix.....	380	Weiganda.....	40
Stocks, 36 varieties.....	560	Zinnia Elegans double mixed..	250
Salpiglossus var.....	350		
Sedum var.....	300	Total	35,573

BULBS IN NURSERY.

Agapanthus	50	Iris Species Kahneir.....	34
Agapanthus unbelata.....	100	Silium Colchicura.....	2
Calla Exiopica dwarf.....	80	Silium alba.....	32
Iris Germanica, mix.....	113	Montbretia.....	100
Iris Kaempferii.....	15		
Iris Siberica Sanguinea.....	60	Total	607
Iris Siberica.....	11		

VINES IN NURSERY.

Ampelopsis Veitchii	215	Kennedya Rubricando.....	9
Ampelopsis Royalii.....	120	Lonicera Chamaecerasus pul-	
Aristolochia Elegans.....	8	cherrima.....	200
Bignonia Australis.....	1	Lonicera rubra	100
Bignonia Thumbergiana.....	2	Lonicera grandiflora.....	1,500
Bignonia Grandiflora	12	Lonicera Japonica var.....	700
Bignonia Vattina.....	1	Lonicera Tartarica Splendens..	700
Bignonia Stars.....	1	Lonicera Chamaecerasus alba..	66
Cuphea Platycentra.....	300	Lenari Cymbalaria.....	60
Clematis crispa.....	20	Lophospermum scandens.....	100
Clematis Tigusticifa.....	600	Mandevellia Suaveolus.....	35
Cobea scandens.....	80	Mahemia Floribunda.....	450
Convolvulus major.....	210	Maurandia Barclayana.....	8
Convolvulus minor.....	200	Maurandia blue.....	240
Duranta Plumiri.....	2	Maurandia red	90
Dalichos	568	Mina lobata	6
Eccremocarpa scabra.....	100	Nasturtiums	100
Hedera Helix Aurantiaca.....	2	Passiflora Edulas.....	3
Ipomea Sanguinea.....	20	Passiflora blue cereula.....	530
Ipomea light blue.....	20	Passiflora alba.....	25
Kennedya Marryata.....	1	Rubus Fruticosa Dentata.....	2

VINES IN NURSERY—*Concluded.*

Solandra grandiflora.....	2	Vitus Cardifolia.....	10
Scarlet runners.....	45	Vitus cineraria.....	5
Tropeolum Canariensis.....	24	Vitus Labnisca.....	18
Tecoma Jasminoides.....	1	Vitus Linucumii.....	7
Tacsonia von volxemii.....	800	Vitus Munsoniana.....	13
Tacsonia red.....	100	Vitus Rubra.....	1
Tacsonia gracilis.....	3	Vitus Riparia.....	17
Vitis Hetrophylla.....	2	Vitus Romanetti.....	6
Vitus Arazonica.....	16	Vitus Rupestris.....	18
Vitus Arstivalis.....	4	Vitus Species Davidii.....	10
Vitus Berladerii.....	5	Vitus Solonis.....	9
Vitus Bourguinana.....	17	Vitus Monticolo.....	12
Vitus Californica.....	7	Wistaria sinensis.....	29
Vitus Champinii.....	12	Wistaria sinensis alba.....	3
Vitus Carilea var. blanc.....	2		
Vitus Candicans.....	6	Total.....	8,611

PALMS IN NURSERY.

Brahea Filamentosa.....	10	Phoenix Dactilefera.....	7
Chamaerops Excelsa.....	134	Phoenix Hamilis.....	16
Chamaerops Humilis.....	242	Phoenix Reclenata.....	3
Chamaerops Nepalensis.....	4	Raphis Flabeliformis.....	2
Latania Borbonica.....	6	Sabal Blackburniana.....	3
Prichardia Filifera small.....	115	Bambusa variegata.....	14
Prichardia Filifera large.....	40	Musa Cavendishii.....	4
Prichardia Pacifica.....	370		
Prichardia Filifera weeping....	5	Total.....	975

SMALL TREE FERNS IN NURSERY.

Dicksonia Antarctica.....	8
---------------------------	---

GRASSES IN NURSERY.

Elymus Glaucifolius.....	12	Arundo Conspicqua.....	75
Arundo Donax.....	5		

CATALOGUE OF TREES AND SHRUBS

IN GOLDEN GATE PARK.

<i>Abies Douglasii.</i>	<i>Acacia citriodora.</i>
<i>Abies excelsa.</i>	<i>Acacia cuneata.</i>
<i>Abies Menziesii.</i>	<i>Acacia longifolia.</i>
<i>Abies Mertensiana.</i>	<i>Acacia coccinea.</i>
<i>Abies nigra.</i>	<i>Acacia aulocarpa.</i>
<i>Abies Hookeriana.</i>	<i>Acacia discolor.</i>
<i>Abies alba.</i>	<i>Acacia coulteriformis.</i>
<i>Abies morinda.</i>	<i>Acacia salamistrata.</i>
<i>Abies pumila.</i>	<i>Acacia myrtifolia.</i>
<i>Abies pyramidalis.</i>	<i>Acacia Persiana.</i>
<i>Abies firma.</i>	<i>Acacia stenophylla.</i>
<i>Abies amabilis.</i>	<i>Acer Schwedlerii.</i>
<i>Abies concolor.</i>	<i>Acer Tartaricum.</i>
<i>Abies nobilis.</i>	<i>Acer rubrum.</i>
<i>Abies magnifica.</i>	<i>Acer pseudo platanus purpurea.</i>
<i>Abutilon Thomsonii.</i>	<i>Acer campestris.</i>
<i>Abutilon Boule de Neige.</i>	<i>Acer dasycarpium.</i>
<i>Abutilon vexilaria.</i>	<i>Acer macrophyllum.</i>
<i>Abutilon striatum.</i>	<i>Acer platanoides.</i>
<i>Abutilon aurea.</i>	<i>Acer saccharinum.</i>
<i>Abutilon Thomsonii variegata.</i>	<i>Acer polymorphum.</i>
<i>Abelia rupestris.</i>	<i>Ackania maliaviscus.</i>
<i>Acacia armata.</i>	<i>Æsculus Californica.</i>
<i>Acacia decurrens.</i>	<i>Æsculus hippocastanum.</i>
<i>Acacia dealbata.</i>	<i>Æsculus pavia rubra.</i>
<i>Acacia cultriformis.</i>	<i>Æsculus glabra.</i>
<i>Acacia fragrans.</i>	<i>Æsculus rubicunda.</i>
<i>Acacia floribunda.</i>	<i>Æsculus Japonica.</i>
<i>Acacia implexa.</i>	<i>Albizia lophantha.</i>
<i>Acacia latifolia.</i>	<i>Alnus serrulata.</i>
<i>Acacia lophantha.</i>	<i>Aloysia citriodora.</i>
<i>Acacia linearis.</i>	<i>Ailanthus glandulosa.</i>
<i>Acacia melanoxyton.</i>	<i>Amorpha crocea lanata.</i>
<i>Acacia mollissima.</i>	<i>Amorpha Lewisii.</i>
<i>Acacia pycnantha.</i>	<i>Amorpha fragrans nana.</i>
<i>Acacia Farnesiana.</i>	<i>Amorpha fruticosa.</i>
<i>Acacia homotophylla.</i>	<i>Ampelopsis quinquefolia.</i>
<i>Acacia verticillata.</i>	<i>Ampelopsis Veitchii.</i>
<i>Acacia paradoxa.</i>	<i>Amygdalus communis.</i>
<i>Acacia Riceana.</i>	<i>Amygdalus purpurea.</i>
<i>Acacia salicina.</i>	<i>Anone cherimolia.</i>
<i>Acacia flexiosa.</i>	<i>Appelandra aurantiaca.</i>

CATALOGUE OF TREES AND SHRUBS—*Continued.*

-
- | | |
|--|---|
| <p> <i>Aralia papyrifera.</i>
 <i>Aralia Seiboldii.</i>
 <i>Aralia spinosa.</i>
 <i>Araucaraia Bidwellii.</i>
 <i>Araucaraia Cookii.</i>
 <i>Araucaraia imbricata.</i>
 <i>Araucaraia excelsa.</i>
 <i>Arbutus unedo.</i>
 <i>Arbutus Menziesii.</i>
 <i>Aristoclochia sipho.</i>
 <i>Ameria Formosa.</i>
 <i>Artemesia glauca.</i>
 <i>Aucuba Japonica.</i>
 <i>Baccharis Douglasii.</i>
 <i>Bambusa falcata.</i>
 <i>Bambusa fortunii.</i>
 <i>Bambusa arundinacea.</i>
 <i>Bambusa Metaki.</i>
 <i>Bambusa nigra.</i>
 <i>Bambusa Simonii.</i>
 <i>Bambusa aurea.</i>
 <i>Bambusa aurea striata.</i>
 <i>Banksia Cunninghamii.</i>
 <i>Berberis vulgaris.</i>
 <i>Berberis Darwinii.</i>
 <i>Berberis dulcis.</i>
 <i>Berberis stenophylla.</i>
 <i>Berberis nervosa.</i>
 <i>Berberis Japonica.</i>
 <i>Berberis Thumbergii.</i>
 <i>Bauhinia purpurea.</i>
 <i>Betula lenta.</i>
 <i>Betula lula.</i>
 <i>Betula laciniata.</i>
 <i>Betula papyrifera.</i>
 <i>Betula populifolia.</i>
 <i>Betula pendula.</i>
 <i>Bignonia radicans.</i>
 <i>Bignonia jasminoides.</i>
 <i>Bocconia Japonica.</i>
 <i>Bouvardea fragrans.</i>
 <i>Boldoa fragrans.</i>
 <i>Brahea filamentosa.</i>
 <i>Brahea Mannii.</i>
 <i>Brugmansia suaveolens.</i>
 <i>Buddlea Lindleyana.</i>
 <i>Buddlea globosa.</i>
 <i>Buxus sempervirens.</i> </p> | <p> <i>Buxus argentea.</i>
 <i>Callistris cupressiformis conifer.</i>
 <i>Callistemon saligna.</i>
 <i>Callistemon lanceolata.</i>
 <i>Callistemon rugulosiss.</i>
 <i>Callistemon linearis.</i>
 <i>Callistemon brachyandrus.</i>
 <i>Calycanthus floridus.</i>
 <i>Calothamnus purpurea.</i>
 <i>Calothamnus quadripedus.</i>
 <i>Calystachys lanceolata.</i>
 <i>Camellia Japonica.</i>
 <i>Carya olivæformis.</i>
 <i>Cassia Corymbosa.</i>
 <i>Cassia floribunda.</i>
 <i>Caragana altagana.</i>
 <i>Casuarinus stricta.</i>
 <i>Casuarinus suberosa.</i>
 <i>Casuarinus glauca.</i>
 <i>Casuarinus equisetæfolia.</i>
 <i>Catalpa bignonoides.</i>
 <i>Catalpa kœmfera.</i>
 <i>Ceanothus Africana.</i>
 <i>Ceanothus Californica.</i>
 <i>Ceanothus azureus.</i>
 <i>Cedrus lebanii.</i>
 <i>Cedrus diodara.</i>
 <i>Cedrus Atlantica.</i>
 <i>Celtus Australis.</i>
 <i>Celtus occidentalis.</i>
 <i>Celtus cordata.</i>
 <i>Cerasus mollis.</i>
 <i>Cerasus laurus cerasus.</i>
 <i>Ceratonia saliqua.</i>
 <i>Cercis Canadensis.</i>
 <i>Cestrum aurantiacum.</i>
 <i>Chamærops excelsa.</i>
 <i>Chamærops humilis.</i>
 <i>Chronanthus Virginicus.</i>
 <i>Chorozema ilexifolia.</i>
 <i>Cistus ladaniferus.</i>
 <i>Cistus maculata.</i>
 <i>Cistus rosea.</i>
 <i>Cistus salvifolius.</i>
 <i>Cistus albidus.</i>
 <i>Cistus florabunda.</i>
 <i>Citrus aurantacea.</i>
 <i>Citrus chinensis.</i> </p> |
|--|---|

CATALOGUE OF TREES AND SHRUBS—*Continued.*

Citrus trifoliata.	Cytisus capitatus.
Clematis aristata.	Cytisus Californica.
Clematis coccinea.	Cytisus Canariensis.
Clematis jackamii in variety.	Cytisus Elongatus.
Clerodendron speciosum.	Cytisus spinosa.
Clianthus damperii.	Cytisus elaberata.
Clianthus punicens.	Cytisus quercifolia.
Cobea scandens.	Cytisus sessiliflora.
Coccoloba platyclada.	Daphne Indica.
Colletia ferox.	Daphne variegata.
Coprosma Baueriana.	Daphne laurifolia.
Coprosma variegata.	Daphne odorata.
Colutea cruenta.	Datura arborea.
Cordylin indivisa.	Deutzia crenata flora plena.
Cordylin Australis.	Deutzia scabra flora plena.
Coriaria myrtifolia.	Deutzia gracilis.
Cornus Coulterii.	Diplopappus Chrysophylla.
Cornus pubescens.	Dictamnus fraxinella.
Cornus sanguinea.	Deeringea celosioides.
Coronilla glauca.	Deeringea celosioides variegata.
Corylus Americana.	Diospyra Virginiana.
Corypha Australis.	Diervillea speciosa.
Corynocarpus lavigatus.	Diosma tenuifolia.
Contoneaster buxifolia.	Diosma capitata.
Contoneaster thymifolia.	Diosma ericifolia.
Crataegus oxyacantha.	Dipsacus pulonium.
Crataegus pyracantha.	Dolichus lablab.
Cryptomeria elegans.	Dioscorea batata.
Cryptomeria Japonica.	Dracaena Australis.
Calluna vulgaris.	Dracaena Nutans.
Cupressus argentea.	Dracaena Stricta.
Cupressus McNabiana glauca.	Eleagnus aurea.
Cupressus Braziliense.	Eccremocarpus scabra.
Cupressus Guadalupensis.	Echium Lindleyana.
Cupressus Macrocarpa.	Echium strictum.
Cupressus Lawsoniana.	Echium candicans.
Cupressus pyramidalis.	Edwardsia microphylla.
Cupressus funebris.	Erica arborea.
Cupressus pendula glauca.	Erica Mediterranea.
Cupressus torulosa.	Erica hymalis.
Cupressus chinensis.	Erythrinus crita galli.
Cydonia Japonica.	Escalonia floribunda.
Cytisus alpena.	Escalonia macrantha.
Cytisus scoparius.	Escalonia rubra.
Cytisus laburnum.	Escalonia montevidensis.
Cytisus hirsutus.	Escalonia Philipiana.
Cytisus Arizonica.	Eucalyptus amygdalina.
Cytisus bullatus.	Eucalyptus citriodora.

CATALOGUE OF TREES AND SHRUBS—*Continued.*

Eucalyptus corymbosa.	Eupatorium ageratoides.
Eucalyptus globulus.	Fabiana imbricata.
Eucalyptus gonicalix.	Fagus sylvatica.
Eucalyptus peperita.	Fagus purpurea.
Eucalyptus pauciflora.	Ficus elastica.
Eucalyptus polyanthemus.	Ficus carica.
Eucalyptus Pressii.	Ficus macrophylla.
Eucalyptus rostrata.	Forsythia veridissima.
Eucalyptus ribbonii.	Fraxinus excelsa.
Eucalyptus obliqua.	Fraxinus acuminate.
Eucalyptus paniculatus.	Fraxinus ornus.
Eucalyptus stricta.	Fraxinus Oregonia.
Eucalyptus vitatta.	Fraxinus pendula.
Eucalyptus viminalis.	Fraxinus pendula aurea.
Eucalyptus saligna.	Frenilla Australis.
Eucalyptus cordata.	Frenilla rhomboides.
Eucalyptus cineria.	Frenilla robusta.
Eucalyptus cosmophylla.	Frenilla Muellerii.
Eucalyptus collosea.	Galium aparine.
Eucalyptus concolor.	Genista linifolium.
Eucalyptus calophylla.	Genista tinctoria.
Eucalyptus caccibera.	Genista scoparia.
Eucalyptus exima.	Genista candicans.
Eucalyptus exserta.	Geitonoplesium cymosum.
Eucalyptus eugenioides.	Gleditschia triacantha.
Eucalyptus pilulideris.	Goodia latifolia.
Eucalyptus radiata.	Goodia medicaginea.
Eucalyptus Florabunda.	Grevillea robusta.
Eucalyptus Fessilis.	Grevillea Hirtei.
Eucalyptus gigantea.	Gymnocladus Canadensis.
Eucalyptus Hemiphylora.	Guerina Avellana.
Eucalyptus Hæmastima.	Habrothamnus elegans.
Eucalyptus Leptopleba.	Habrothamnus coccinea.
Eucalyptus Longifolia.	Hakea salicina.
Eucalyptus Leucoxylon.	Hakea acicularis.
Eucalyptus Melliodora.	Hakea ulicina.
Eucalyptus macrocarpa.	Hakea leucoptera.
Eucalyptus macroshyncha.	Hakea modosa.
Eucalyptus Muellerii.	Hakea verrucosa.
Eucalyptus Megacarpa.	Hardenbergia monophylla.
Eucalyptus Maculata.	Hedera felix.
Eucalyptus Occidentalis.	Hemia grandiflora.
Eugenia latifolia.	Hedera variegata.
Euonymus Japonica.	Helianthemum roseum.
Euonymus aurea.	Hibiscus pungens.
Euonymus radicans, variegata.	Hibiscus syriacus.
Euonymus argentea.	Hibiscus macrophylla.
Euphorbia variegata.	Hibiscus Mantablis.

CATALOGUE OF TREES AND SHRUBS—*Continued.*

Hibiscus rosea.	Lagersremia Indicata.
Hibiscus Reevesii.	Laurus camphora.
Hibiscus splendens.	Laurus glandulosa.
Hydrangea paniculata.	Laurus indica.
Hymenosporum flavum.	Laurus nobilis.
Hypericum canariensis.	Laurus lusitanica.
Hypericum calycinum.	Lavatera arborea.
Hypericum Moserianum.	Lavatera arborea variegata.
Hypericum patulum.	Lavendula spica.
Indigofera Australis.	Lavendula staechas.
Indigofera tinctoria.	Leonotis leonaria.
Iacoma speciosa.	Leptospermum ericifolia.
Inga dulcis.	Leptospermum laevigatum.
Isochroma tubulosa.	Leptospermum Scoparia.
Isochroma coccinea.	Libocedrus decurrens.
Ilex aquifolia.	Libonia floribunda.
Ilex Japonica.	Leucodendron Argenteum.
Ilex Latifolia.	Leriodendron tulipifera.
Ilex aquifolia aurea.	Ligustrum Californicum.
Ilex aquifolia alba.	Ligustrum Japonicum.
Jacaranda minosæfolia.	Ligustrum vulgaris.
Jasminum aurea.	Lonicera brachypoda.
Jasminum alba.	Lonicera chamaecerasus alba.
Jasminum fruticosum.	Lonicera cornicularis.
Jasminum capensis.	Lonicera Californica.
Juglans regia.	Lonicera grandifloris.
Juglans nigra.	Lonicera Japonica.
Juglans Californica.	Lonicera pulcherrima.
Juniperus Bermudiana.	Lonicera rubra.
Juniperus Phœnicia.	Lonicera Tartarica splendens.
Juniperus Japonica alba.	Lycium Parviflorum.
Juniperus prostrata.	Liatris Penostackya.
Juniperus communis.	Lotus corniculatum.
Juniperus squamata.	Lotus tetragonolobus.
Juniperus Sabina.	Maelura aurantiaca.
Juniperus compacta.	Magnolia grandiflora.
Juniperus Lycea.	Magnolia Soulangeana gracilis.
Juniperus Hibernica.	Mahonia aquifolium.
Juniperus densa.	Mahernia odorata.
Juniperus Japonica.	Mandevillea Suaveolens.
Juniperus Japonica variegata.	Maytenia Chilensis.
Juniperus Virginiana.	Melaleuca armellaris.
Kennedyia macrophylla.	Melaleuca ericifolia.
Kennedyia Comptoniana.	Melaleuca hypericifolia.
Kerria Japonica.	Melaleuca parviflora.
Kolreuteria paniculata.	Melaleuca incana.
Latana superba.	Melaleuca genistifolia.
Larix Europea.	Melanthus major.

CATALOGUE OF TREES AND SHRUBS—*Continued.*

Nespilis Japonica.	Pinus longifolia.
Metrosideros tomentosa.	Pinus maritima.
Morus alba.	Pinus massoniana.
Morus japonica.	Pinus Mitis.
Morus nigra.	Pinus Monticola.
Morus multicaulis.	Pinus muricata.
Menziesia Ferruginea.	Pinus mugho.
Morus Multicaulis Pendula.	Pinus Montezuma.
Myoporum maculata.	Pinus pinea.
Myrica Californica.	Pinus ponderosa.
Myrisphylla asparagoides.	Pinus rubra.
Melia Azederack.	Pinus Strobis.
Myrtus Communis.	Pinus Sabiniana.
Myrtus latifolia.	Pinus Tadea.
Nandina domestica.	Pinus inops.
Negundo malinifolia.	Pinus radiata.
Negundo aceroides.	Pinus tomentosa.
Nerium splendens.	Pinus parviflora.
Nerium alba.	Pinus Torreyana.
Neirembergia gracilis.	Pinus Lambertiana.
Netera depressa.	Pinus Austriaca.
Olea Sativa.	Pinus Sylvestris.
Olea Picolina.	Pinus Albicaulis.
Olearii Illicifolia.	Pinus Bermudiana.
Paulownia imperialis.	Pinus Contorta.
Philadelphus coronaria.	Pinus Canariensis.
Phillyrea latifolia.	Pinus Fremontiana.
Phillyrea Illicifolia.	Pinus Murrayana.
Phœnix dactylifera.	Pinus Tarryana.
Photinia Serrulata.	Pinus Tuberculata.
Picea amabilis.	Pinus Banksiana.
Picea magnifica.	Pinus Pineaster.
Picea Normaniana.	Pittosporum engeneoides.
Picea pinsapo.	Pittosporum crassifolium.
Picea concolor.	Pittosporum rhombifolium.
Picea pectinata.	Pittosporum eriocarpum.
Picea Subalpina.	Pittosporum tobira.
Pimelia Australis.	Pittosporum nigrum.
Pinus cembra.	Pittosporum Buchanii.
Pinus Coulterii.	Pittosporum Lobira variegata.
Pinus densiflora.	Pittosporum undulatum.
Pinus excelsa.	Pistacia vera.
Pinus Hamiltonii.	Planera cuspidata.
Pinus Halapensis.	Platanus occidentalis.
Pinus Jeffreyana.	Platanus orientalis.
Pinus Laricio.	Platanus racemosus.
Pinus Laricio calabrica.	Plumbago capensis.
Pirus Insignus.	

CATALOGUE OF TREES AND SHRUBS—*Continued.*

Plumbago larpenta.	Rhamnus Californica.
Poinciana pulcherrima.	Rhamnus Integrifolius
Poinciana Gillesii.	Rhamnus Alpinus.
Polygala Dalmasiana.	Rhamnus Catharticus.
Polygala Speciosa.	Rhamnus Frangula.
Populus balsamina.	Rhamnus Parshiana.
Populus nigra.	Rhamnus Coulterii.
Populus argentea.	Rhamnus Infectorius.
Populus fastigiata.	Rhaphiolepis ovata.
Pomaderris aspera.	Rhaphiolepis Indica.
Pomaderris lanifera.	Rhus copallina.
Pritchardia filifera.	Rhus cotinus.
Psoralea glandulosa.	Rhus toxicodendron.
Prostranthera laecanthus.	Rhus coriaria.
Prostranthera minea.	Ribes grossularia.
Prostranthera Siebercii.	Ribes sanguinea.
Ptelea trifoliata.	Ribes Alpinum.
Punica gradatum.	Robinia pseud-acacia.
Philadelphus Montana.	Rochea falcata.
Pavonia Hastata.	Rosemarinus officinalis.
Plagianthus Lyalli.	Rubus rosaefolius.
Personia Lanceolata.	Rubus Occidentalis.
Personia Linearis.	Rubus Fruticosa.
Phelaleum Dentalum.	Ruscus Aculeatus.
Prunus Padus.	Rhycospermum Jasminoides.
Prunus Ilicifolium.	Rhycospermum Jasminoides variegata
Prunus cerasus.	Rhododendron ponticum.
Prunus myrobalan.	Rhododendron Catawbiense.
Prunus triloba.	Rhododendron hybridum.
Pyrus Japonica.	Rhododendron maximum.
Pyrus malus.	Rhododendron Dalhousianum.
Phloganthus Thrysiflorus.	Rhododendron nobleanum.
Quercus robur.	Rhododendron glaucum.
Quercus suberosa.	Rhododendron Hodgsonii.
Quercus densiflora.	Rhododendron Andersonii.
Quercus cuspidata.	Rhododendron Aragenozumi.
Quercus Dentata.	Rhododendron Albicans.
Quercus macrocarpa.	Rhododendron Athens.
Quercus Montana.	Rhododendron Aurora.
Quercus Oliveiformis.	Rhododendron Barbatum.
Quercus palustris.	Rhododendron Blandfordiaeflorum.
Quercus agrifolia.	Rhododendron Calophyllum.
Quercus aquatica.	Rhododendron Countess of Sefton.
Retinospora obtusa.	Rhododendron Corajia.
Retinospora ericifolia.	Rhododendron Duchess of Edinburgh.
Retinospora squarosa.	Rhododendron Duchess of Teck.
Retinospora plumosa.	Rhododendron Duchess of Connaught.
Retinospora argentea.	Rhododendron Duchess of Diana.

CATALOGUE OF TREES AND SHRUBS—*Continued.*

Rhododendron Fulgens.	Spiraea billiardii.
Rhododendron Falconerii.	Spiraea Japonica.
Rhododendron Granedier.	Spiraea nobleii.
Rhododendron Grande.	Spiraea opulifolia.
Rhododendron Heimilicum.	Spiraea plumosa.
Rhododendron Jennessonii.	Spiraea prunifolia.
Rhododendron Jenkinsii.	Spiraea Reevesii.
Rhododendron Nigrum.	Spiraea Thunbergii.
Rhododendron Nilivicum.	Sterculia Lurida.
Rhododendron Occidentalis.	Sterculia acerifolius.
Rhododendron Princess Alexandre.	Sterculia diversifolia.
Rhododendron Queen of Dwarfs.	Sterculia platanifolia.
Rhododendron Rosaline.	Steuartia pentagyna.
Rhododendron Sabiana.	Swainsonia alba.
Rhododendron Thomsonii.	Swainsonia galegifolia.
Rhododendron Wightii.	Syringa vulgaris.
Rhododendron Habbannum Bicolor.	Syringa Persica.
Rhododendron Thibiliense.	Styphelia pinnata.
Rhododendron Emblem.	Syncarpia laurifolia.
Rhododendron Zealandicum.	Styrax Africana.
Rhododendron Arboreum.	Sutherlandii putescens.
Rhododendron argenteum.	Tamarix gallica.
Rhodocitius Berthelotianus.	Taxodium distyichium.
Saliburia adiantifolia.	Taxus baccata.
Salix alba.	Taxus cuspidata.
Salix carpia.	Taxus fastigiata.
Salix Babylonica.	Taxus erecta stricta.
Sambucus niger.	Taxus pyramidalis.
Sambucus niger fol. argenteis.	Taxus adpressa stricta.
Sambucus racemosa purpurea.	Taxus aurea.
Scidiopitys verticillata.	Taxus Cheshuntiensis.
Schinus molle.	Taxus Washingtonii.
Schinus terebinthefolia.	Tecoma capensis.
Schotia latifolia.	Thuja gigantea.
Schotia tamarindifolia.	Thuja occidentalis.
Sequoia gigantea.	Thuja orientalis.
Sequoia sempervirens.	Thuja pendula.
Sida pulchella.	Thuja Tartarica.
Solanum capiscastrum.	Thea viridis.
Solanum robustum.	Thujopsis dolobrata.
Solanum laciniatum.	Thujopsis dolobrata variegata.
Sollya heterophylla.	Tilia Americana.
Sophora Japonica.	Tilia Europea.
Sophora Japonica pendula.	Tristania conferta.
Spartium junceum.	Tencrium canadense.
Sphæralcea Caroliniana.	Taricopus spectabilis.
Spiraea palmata.	Templetonia retusa.
Spiraea aerifolia.	Thalictrum foliolosum.

<i>Ulex</i> Europea.	<i>Veronica</i> parviflora.
<i>Ulmus</i> Montana.	<i>Veronica</i> parviflora alba.
<i>Ulmus</i> Huntingtonii.	<i>Veronica</i> salicifolia.
<i>Ulmus</i> Wheatleyii.	<i>Veronica</i> Andersonii variegata.
<i>Ulmus</i> purpurea.	<i>Viburnum</i> opulus.
<i>Ulmus</i> argentea.	<i>Viburnum</i> tinus.
<i>Ulmus</i> Americana.	<i>Viburnum</i> tinus grandiflora.
<i>Ulmus</i> campestris.	<i>Virgillea</i> lutea.
<i>Ulmus</i> fulva.	<i>Virgillea</i> capensis.
<i>Ulmus</i> pendula.	<i>Vitex</i> agnus castus.
<i>Ulmus</i> suberosa.	<i>Weigelia</i> rosea.
<i>Ulmus</i> .	<i>Weigelia</i> rosea variegata.
<i>Veronica</i> arborea.	<i>Weigelia</i> rubra.
<i>Veronica</i> carnea.	<i>Wistaria</i> sinensis.
<i>Veronica</i> decussata.	<i>Wistaria</i> sinensis alba.
<i>Veronica</i> decumbens.	<i>Widdringtonia</i> cupressoides.
<i>Veronica</i> elliptica.	<i>Wigandia</i> macrophylla.
<i>Veronica</i> paniculata.	<i>Xylomelum</i> pyreforme.

PALMS IN CONSERVATORY.

<i>Areca</i> alba.	<i>Livistonia</i> chinensis.
<i>Areca</i> rubra.	<i>Oreodoxa</i> regia.
<i>Areca</i> monostachya.	<i>Phoenix</i> dactylifera.
<i>Areca</i> sapida.	<i>Phoenix</i> reclinata.
<i>Areca</i> Baueri.	<i>Phoenix</i> rupicola.
<i>Areca</i> lutescens.	<i>Pritchardia</i> gaudichaurdi.
<i>Areca</i> Verchaffeltii.	<i>Pritchardia</i> Martii.
<i>Caryota</i> urens.	<i>Pritchardia</i> Pacifica.
<i>Cocos</i> insignis.	<i>Rhopalostylis</i> Baurii.
<i>Cocos</i> plumosa.	<i>Raphis</i> flabelliformis.
<i>Cocos</i> nucifera.	<i>Raphis</i> humilis.
<i>Cos</i> Weddelliana.	<i>Sabal</i> Adansonii.
<i>Chamædorea</i> elegans.	<i>Sabal</i> Blackburniana.
<i>Chamærops</i> excelsa.	<i>Seaforthia</i> elegans.
<i>Chamærops</i> gracilis.	<i>Seaforthia</i> robusta.
<i>Chamærops</i> humilis.	<i>Geonoma</i> gracilis.
<i>Dictyosperma</i> aureum.	<i>Thrinax</i> elegans.
<i>Kentia</i> Australis.	Cycads.
<i>Kentia</i> Balmoreana.	<i>Cycas</i> circinalis.
<i>Kentia</i> Canterburyana.	<i>Cycas</i> revoluta.
<i>Kentia</i> Fosteriana.	<i>Zamia</i> integrifolia.
<i>Livistonia</i> Australis.	<i>Zamia</i> Lehmanii.
<i>Livistonia</i> altissima.	<i>Zamia</i> villosa.

FERNS AND LYCOPODS.

-
- Adiantum amabile.*
Adiantum assimile cristatum.
Adiantum capillus veneris.
Adiantum cuneatum.
Adiantum cuneat muvariegata.
Adiantum concinum latum.
Adiantum bellum.
Adiantum cardiochlaena.
Adiantum decorum.
Adiantum Farleyense.
Adiantum formosum.
Adiantum gracillimum.
Adiantum Hendersonii.
Adiantum Luddemanii.
Adiantum macrophyllum.
Adiantum monochlamis.
Adiantum pedatum.
Adiantum imarginatum.
Adiantum multifidum.
Adiantum pentophyllum.
Adiantum Peruvianum.
Adiantum Santa Catherinae.
Adiantum trapeziformae.
Adiantum Williamsii.
Adiantum Bansii.
Aspidium amabile.
Aspidium trifoliatum.
Asplenium alatum.
Asplenium Belangerii.
Asplenium bulbiferum.
Asplenium falcatum.
Asplenium viviparum.
Asplenium nidus.
Blechnum Braziliense.
Blechnum corcovadense.
Davallia canariensis.
Davallia affinis.
Davallia bullata.
Davallia Japonica.
Davallia Mooreana.
Davallia tenuifolia.
Davallia tenuifolia stricta.
Davallia Fijinsis.
Davallia Fijinsis plumosus.
Gymnogramma chrysophylla.
Gymnogramma decomposita.
Gymnogramma tartarea.
Gymnogramma triangularis.
Hymenodium crinitum.
Hymenophyllum Demissum.
Lastrea aristata.
Lastrea aristata variegata.
Lomaria Gibba.
Lomaria heterophylla.
Lygodium scandens.
Microlepia hirta cristata.
Microlepia Emersonii.
Nephrodium molle.
Nephrodium tuncatum.
Nephrolepsis Bausii.
Nephrolepsis Davallioides cristata.
Nephrolepsis Davallioides furcans.
Nephrolepsis Duffii.
Nephrolepsis ensifolia.
Nephrolepsis exaltata.
Nephrolepsis exaltata plumosa.
Pillea andromedifolia.
Polypodium pectinatum.
Polypodium plumosum.
Polypodium vulgare.
Platycterium alacicornae.
Platycterium grande.
Pteris argyraea.
Pteris grandiceps.
Pteris hastata.
Pteris internata.
Pteris serreolata.
Pteris serreolata cristata.
Pteris serreolata variegata.
Pteris tricolor.
Pteris tremula.
Pteris cretica albo lineata.
Pteris limbata tassellata.
Pteris longifolia.
Pteris Victoria.
Todea Africana.
Woodwardia radicans.
Selaginella aurea.
Selaginella caesii arborea.
Selaginella cuspidata.
Selaginella denticulata.
Selaginella grandis.
Selaginella involvens.
Selaginella Mertensii.

TREE FERNS.

Alsophilla Australis.
Cybotium regalis.
Cybotium glaucum.
Cybotium chamissoi.
Cybotium Menzeisii.

Cyathea dealbata.
Cyathea Smithii.
Dicksonia antartica.
Dicksonia squarrosa.

ORCHIDS IN CONSERVATORY.

Acineta Barkerii.
Acineta Humboldtii.
Aerides crassifolium.
Aerides Japonicum.
Aerides Leanii.
Aerides odoratum coronatum.
Aerides quinquivulnerium.
Aerides viridis.
Barkeria skinnerii.
Barkerii spectabilis.
Bletia hyacinthina.
Bletia tankervella.
Brassavola glauca.
Brassavola oculata.
Brassia candida.
Brassia verrucosa.
Burlingtonia imperialis.
Burlingtonia verusta.
Calanthe discolor.
Calanthe gracilis.
Calanthe oculata.
Calanthe pleichroma.
Catasetum medium.
Cattleya amethystina.
Cattleya amethystina intermedia.
Cattleya Dowiana.
Cattleya Chocoensis.
Cattleya Eldorado.
Cattleya Gaskelliana.
Cattleya gigas.
Cattleya insignis.
Cattleya labiata.
Cattleya Mendelii.
Cattleya Mossiæ.
Cattleya Percivaliana.
Cattleya Skinnerii.
Cattleya splendens.
Cattleya triana.
Cattleya triana alba.

Chysis aurea.
Coelogne cristata.
Coelogne Fostermanii.
Coelogne Lowii.
Coelogne oculata.
Cymbidium Lowianum.
Cymbidium giganteum.
Cypripedium albo purpureum.
Cypripedium barbatum.
Cypripedium insignis.
Cypripedium insignis maculata.
Cypripedium superbens.
Cypripedium collosum.
Cypripedium Curtisii.
Cypripedium Harrisianum.
Cypripedium Schlimii.
Cypripedium Pearceii.
Cypripedium Sedenii.
Cypripedium venustum.
Cypripedium Lawrenceanum.
Cypripedium Lowii.
Cypripedium boxalii.
Cypripedium Stownii.
Cypripedium Bellatulum.
Cypripedium Godefroyae.
Cypripedium villosum.
Cypripedium Dautherii.
Cypripedium Haynaldianum.
Cypripedium conchiferum.
Cypripedium caudatum.
Cypripedium Ashburtonae.
Cypripedium Roezlii.
Cypripedium Dominicanum.
Dendrobium anguilaria.
Dendrobium cacaltatum.
Dendrobium Dalhousianum.
Dendrobium Dearii.
Dendrobium speciosum Hillii.
Dendrobium Japonicum.

ORCHIDS IN CONSERVATORY—*Concluded.*

Dendrobium Kingianum.	Oncidium Barkerii.
Dendrobium Farmerii.	Oncidium Cavendishianum.
Dendrobium Nobile.	Oncidium concullatum.
Dendrobium Pierardii.	Oncidium leucochilum.
Dendrobium pulchellum.	Oncidium Flexuosum.
Dendrobium superbum.	Oncidium ornithorrhynchum.
Disa grandiflora.	Oncidium papilio.
Epidendrum brassavolae.	Oncidium sphacelatum.
Epidendrum cinnabaronum.	Peristeria elata.
Epidendrum cochleatum.	Phaius albus.
Epidendrum cuspidatum.	Phaius Blumei.
Epidendrum paniculatum.	Phaius maculatus.
Epidendrum vitellinum.	Phalaenopsis amabilis.
Gongora portentosa.	Phalaenopsis grandiflora.
Gongora punctata.	Phalaenopsis Schillerana.
Laelia acuminata.	Phalaenopsis Steuartiana.
Laelia acuminata rosea.	Renanthera coccinea.
Laelia anceps.	Saccolabium guttatum.
Laelia anceps alba.	Saccolabium guttatum roseum.
Laelia crispa.	Saccolabium Blumei pulchrum.
Laelia anceps Hillii.	Saccolabium retusum.
Laelia Dayana.	Saccolabium violaceum.
Laelia purpurata.	Sobralia macrantha.
Laelia superbens.	Sophromitis grandiflora.
Leptodotes bicolor.	Spathoglottis aurea.
Lycaste aromatica.	Spathoglottis Fortunei.
Lycaste Deppii.	Stanhopea aurea.
Lycaste Lanipes.	Stanhopea grandiflora.
Lycaste Skinnerii.	Stanhopea maculata.
Lycaste Skinnerii alba.	Stanhopea insignis.
Masdevallia Dayana.	Stanhopea oculata.
Masdevallia elegans.	Stanhopea tigrida.
Masdevallia citrina.	Stanhopea Wardiana.
Masdevallia maculata.	Thunia Marshalliana tricolor.
Maxillaria grandiflora.	Thunia Bensonae.
Maxillaria tenuifolia.	Tricophilia fragrans.
Mesospinidium sanguineum.	Tricophilia tortilis.
Odontoglossum Barkerii.	Vanda concolor.
Odontoglossum cirrosum.	Vanda densiflora.
Odontoglossum citrosmum.	Vanda guttata.
Odontoglossum citrosmum roseum.	Vanda tricolor.
Odontoglossum crispum.	Vanda tricolor nebulosa.
Odontoglossum grande.	Vanda caerulea.
Odontoglossum Hallii.	Vanda boxallii.
Odontoglossum Insleayi.	Vanilla aromatica.
Odontoglossum Pescatorei.	Zygopetalum McKayi.
Odontoglossum vexillarium.	Zygopetalum majus.
Oncidium ampliatus.	

 NYPHÆAS AND WATER LILIES IN CONSERVATORY.

Linnocharis Humboldtii.
 Nymphæa Odorata.
 Nymphæa Alba.
 Nymphæa Rosea.
 Nymphæa Devoniensis.
 Nymphæa Rubra.
 Nymphæa Dentata.
 Nymphæa Coerulea.
 Nymphæa Alba Candidissima.

Nymphæa Pygmœa.
 Nymphæa Tuberosa.
 Nymphæa Marliacea Chromadetta.
 Nymphæa Zanzibarensis.
 Pontederia Crassipes.
 Pontederia Major.
 Nelumbium Speciosum.
 Victoria Regia.
 Victoria Randii.

 GENERAL COLLECTION OF PLANTS IN CONSERVATORY.

Abutilon boule de Neige.
 Abutilon d'or.
 Abutilon Cloth of Gold.
 Abutilon sellowiniatum marmoratum.
 Abutilon The primer.
 Abutilon Thomsonii.
 Acalypha illustrata.
 Acalypha macrophylla.
 Acalypha marginatum.
 Acalypha magnifica.
 Achimenes in var.
 Allamanda nerifolia.
 Allamanda Hendersonii.
 Allamanda Schottii.
 Allamanda Williamsii.
 Alpina Nutans.
 Alocasia grandis.
 Alocasia macrorrhiza var.
 Alocasia Metallica.
 Alocasia Veitchii.
 Amorphophallus virosus.
 Ananassa sativa.
 Ananassa variegata.
 Anthurium Andreanum.
 Anthurium Album.
 Anthurium Crystallinum.
 Anthurium cordatum.
 Anthurium giganteum.
 Anthurium magnificum.
 Anthurium Scherzerianum.
 Anthurium Scherzerianum Williamsii.
 Anthurium Reynoldianum.
 Aralia Veitchii.
 Aralia papyrifera.

Aspidistra Larida.
 Aspidistra variegata.
 Ardisia Crinulata.
 Aristolochia elegans.
 Astilbe Japonica.
 Asparagus Plumosus.
 Asparagus Plumosus nanus.
 Asparagus tenuissimus.
 Azalea Indica in 30 vars.
 Bertolona guttata.
 Bertolona splendens.
 Begonia Rex.
 Begonia Rex alba.
 Begonia Duc. De Brabant.
 Begonia Louis Clossam.
 Begonia acuminata splendida.
 Begonia Armire.
 Begonia Augus.
 Begonia desfontaines.
 Begonia Jules Lecocq.
 Begonia Maletta.
 Begonia Pearl.
 Begonia Rex Satin Blanc.
 Begonia Countess Louis Erbody.
 Begonia Surprise.
 Begonia flowering vars.
 Begonia Alba Picta.
 Begonia Argentea Guttata.
 Begonia Florsbunda rosea.
 Begonia Imperialis.
 Begonia Manicata aurea.
 Begonia Metallica.
 Begonia Olbia.
 Begonia Semperflorens Elegans.

GENERAL COLLECTION OF PLANTS IN CONSERVATORY—*Continued.*

Begonia Semperflorens alba.	Camellia Lady Hume.
Begonia rubra.	Canna Ehemani.
Begonia Weltoniensis.	Canna Mad. Crozy.
Begonia Weltoniensis alba.	Chirizema odorata.
Begonia tuberosa, 150 vars.	Cinerearia Hybrida.
Bignonia venusta.	Cissus discolor.
Bignonia alba.	Clerodendron Balfourii.
Bignonia cærulea.	Clerodendron fallax.
Bilbergia guttata.	Clerodendron speciosa.
Bilbergia farinosa.	Coffea Arabica.
Bonapartia juncea.	Crinum amabile.
Bougainvillea glabra.	Crinum Augustina.
Bougainvillea Spectabilis.	Crinum Powellii.
Caladium argyrites.	Croton illustris.
Caladium Adolf Adam.	Croton irregulare.
Caladium Alfred Bleu.	Croton splendens.
Caladium Beethoven.	Croton variegatus.
Caladium Chentenii.	Croton Weismanii.
Caladium Chentenii Splendens.	Croton interruptum aureum.
Caladium Elegantissima.	Croton recurvum.
Caladium Mad. J. Picot.	Croton tortilis.
Caladium Mad. F. Vergie.	Croton pictum.
Caladium Ceres.	Croton Youngii.
Caladium Sedenii.	Cyclamen periscum.
Caladium E. G. Henderson.	Cyclamen album.
Caladium Mad. Andrae.	Cyclamen Coum.
Caladium Dr. Lindley.	Cyclamen Atkinsii.
Caladium Caudol.	Chrysanthemum Emily Ladenburgh.
Caladium Virginal.	Chrysanthemum Wm. D. C. Hall.
Caladium Queen Victoria.	Chrysanthemum Bryden Junior.
Caladium Alfonso Hardy.	Chrysanthemum Geo. W. Childs.
Caladium Verdii.	Chrysanthemum American Flag.
Caladium Souvenia De Lillian.	Chrysanthemum Mrs. Dr. A. Manndmle
Caladium Pictum.	Chrysanthemum Mrs. Dr. Roshirka.
Caladium Mons. Hardie.	Chrysanthemum A. A. Sturges.
Caladium Pearl De La Brazil.	Chrysanthemum Patrick Barry.
Caladium Le Carnegie.	Chrysanthemum Walter Hunnewell.
Caladium Alzine.	Chrysanthemum J. H. May.
Caladium Fulgens.	Chrysanthemum Col. H. W. Brise.
Caladium Prince Albert Edward.	Chrysanthemum Exquisite.
Caladium Newmanii.	Chrysanthemum Florence Davis.
Calceolaria Hybrida.	Chrysanthemum Wm. Gallagher.
Camellia Alba Plena.	Chrysanthemum Wm. Falconer.
Camellia C. M. Hovey.	Chrysanthemum Wm. Milford.
Camellia Sarah Frost.	Chrysanthemum Stone, Acre, Gem.
Camellia Duchess of Orkney.	Chrysanthemum Ada Strickland.
Camellia fimbriata.	Chrysanthemum Ada Alexandre.

GENERAL COLLECTION OF PLANTS IN CONSERVATORY—*Continued.*

Chrysanthemum Ada Prosa.	Coleus Progress.
Chrysanthemum M. B. Spaulding.	Coleus Sultana.
Chrysanthemum Stityworsh.	Coleus The Shah.
Chrysanthemum Mr. J. M. Schley.	Coleus Yellow Jacket.
Chrysanthemum Ada LeRoy.	Coleus Spotted Beauty.
Chrysanthemum Harvest Moon.	Coleus Beauty.
Chrysanthemum J. C. Vaughn.	Coleus Kentish Fire.
Chrysanthemum Dr. Court.	Coleus Sunrise.
Chrysanthemum C. J. Osborn.	Cyperus alternifolius.
Chrysanthemum Ed. Hatch.	Cyperus alternifolius variegatus.
Chrysanthemum L. Russell.	Darlingtonia Californica.
Chrysanthemum M. C. Colcale.	Diffenbachia Bausei.
Chrysanthemum Fred. Dorner.	Diffenbachia Marmorata.
Chrysanthemum Master of the Garden.	Diffenbachia Picta.
Chrysanthemum Chas. Houget.	Diffenbachia Barquiniana.
Chrysanthemum Col. W. B. Smith.	Dracæna amabilis.
Chrysanthemum M. Jefferson.	Dracæna Baptisii.
Chrysanthemum Tremond.	Dracæna Bausei.
Chrysanthemum Francis Sorboc.	Dracæna Congesta rubra.
Chrysanthemum Miss B. M. Robinson.	Dracæna Cooperii.
Chrysanthemum Niagara Falls.	Dracæna Ferrea.
Chrysanthemum Mountain of Snow.	Dracæna Gracilis.
Chrysanthemum Mrs. H. Harvey.	Dracæna Lindenii.
Chrysanthemum Golden Gate.	Dracæna Goldiana.
Chrysanthemum Louis Bohmer.	Dracæna Guilfoylei.
Chrysanthemum Cochineal.	Dracæna Splendens.
Chrysanthemum International.	Dracæna Shepardii.
Chrysanthemum Mossman.	Dracæna terminalis picta.
Chrysanthemum Gloriosa.	Dracæna Jaspardsia.
Chrysanthemum Himo.	Echites nutans picta.
Chrysanthemum Mrs. Langtry.	Eranthemum reticulatum.
Coleus Alarm.	Eranthemum sanguineum.
Coleus Asa Grey.	Eranthemum versicolor.
Coleus Bayard.	Eranthemum alba marginatum.
Coleus Butterfly.	Eucharis Amazonica.
Coleus Carnival.	Eucharis candidum.
Coleus Chameleon.	Eucharis Japonicum.
Coleus Chancellor.	Euphorbia Jacquiniiflora.
Coleus Chelsea Beauty.	Euphorbia Scandens.
Coleus Dolly Varden.	Eurycles Australasica.
Coleus Eldorado.	Ficus elastica.
Coleus Glory of Autumn.	Ficus elastica variegata.
Coleus Glow Worm.	Ficus Cannonii.
Coleus Golden Fleece.	Ficus Pascellii.
Coleus Lord Beaconsfield.	Ficus repens.
Coleus Platon.	Ficus tinctoria.
Coleus Multicolor Splendens.	Fittonia argyromeura.

GENERAL COLLECTION OF PLANTS IN CONSERVATORY—*Continued.*

Fittonia Pearceii.	Musa zebrina.
Fittonia Verschaffeltii.	Narcissus Poeticus.
Franciscea Americana.	Nepenthes Chelsonii.
Funkia odorata.	Nepenthes coccenia.
Funkia subcordata.	Nepenthes gracilis major.
Fuchsia in variety.	Nepenthes Hookerianum.
Gardenia Florida.	Nepenthes insignis.
Gardenia Fortunei.	Nepenthes Raffelsiana.
Gloxinea crassifolia erecta.	Nepenthes Sedenii.
Gloxinea pendula.	Nepenthes Mastersiana.
Hedychium Gardnerianum.	Nepenthes Henrysonii.
Heliotropium peruvianum.	Nepenthes Hybrida Maculata.
Hibiscus Collierii.	Nepenthes Dominiana.
Hibiscus Cooperii.	Nepenthes Sanguinea.
Hibiscus fulgidus.	Ophiopogon Jaburan aureo variegatus.
Hibiscus Kermisinus.	Pandanus Javanicus var.
Hibiscus Lambertii.	Pandanus Graminifolia.
Hibiscus pleno rubra.	Pandanus Utilis.
Hibiscus Rosa Sinensis.	Pandanus Veitchii.
Hoya bella.	Panicum variegatum.
Hoya carnosa.	Passiflora caerulea.
Imantophyllum miniatum.	Passiflora Constance Elliot.
Impatiens Sultanii.	Passiflora Edulis.
Isolepis gracilis.	Passiflora Fulgens.
Ixora aurora.	Passiflora macrocarpa.
Ixora Williamsii.	Passiflora princeps.
Ixora Prince of Orange.	Passiflora quadrangularis.
Justicea carnea.	Passiflora quadrangularis variegatus.
Justicea splendens.	Passiflora racemosa.
Kæmpferia rotunda.	Peperomia argentea.
Lasiandria Macrantha.	Peristrophe augustifolia var.
Lapageria alba.	Persea gratissima.
Lapageria rosea.	Phasceolus caracalla.
Mackaya bella.	Phyllodendron Lindenii.
Magnolia Fuscata.	Phyllodendron pertusum.
Maranta amabilis.	Phyllodendron radiatum.
Maranta nitens.	Primula sinensis alba.
Maranta photus.	Primula sinensis alba fl. pl.
Maranta regalis.	Primula sinensis rubra.
Maranta Van Den Heckii.	Primula sinensis rubra fl. pl.
Maranta vittata.	Primula obconica.
Maranta Lageriana.	Poinsettia pulcherrima.
Maranta Zebrina.	Poinsettia pulcherrima plenissima.
Meyenia erecta.	Ravenalis Madagascariensis.
Musa Cavendishii.	Ravenia humilis.
Musa ensete.	Rogiera gratissima.
Musa vittata.	Roses Andre Schwartz.

POLICE REPORT.

The report of S. M. Thomson, Captain of the Park Police, shows the total number of arrests to have been 86 during the past fiscal year.

Amount received from fines for the above arrests is \$500.

